23.

SUBMIT IN 7 LICATE*

Form approved. Budget Bureau No. 42-R1425.

(Other instruous on reverse side) UNITED STATES

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|---|----------------------|---------------------|-------------------------|--------|--|-----------|-------------|
| DEPARTMEN | T OF THE IN | ITERIOR SE | RVICE | . [| 5. LEASE DESIGNATION | | ERIAL NO. |
| GEOLO | GICAL SURVE | Y OIL&GAS | OPERATION CEIVED | 3 | | 3778 | |
| APPLICATION FOR PERMIT | TO DRILL, D | EEPEN, OR P | LUG BAC | K | 6. IF INDIAN, ALLOT | CEE OR TE | IBE NAME |
| 12. TYPE OF WORK DRILL X | DEEPEN [| UEC 7 PL | JG BACK KE CITY, UTA | | 7. UNIT AGREEMENT | NAME | |
| b. TYPE OF WELL OIL CAS WELL OTHER | | SINGLE D | MULTIPLE ZONE | | 8. FARM OR LEASE | NAME | |
| 2. NAME OF OPERATOR | | | | | | | |
| SKYLINE OIL C | OMPANY | | | | 9. WELL NO. | | |
| 3. ADDRESS OF OPERATOR | | | | | FEDERAL #1 | 2-13 | |
| 2000 University Club Bui | 1ding, Sal | t Lake City | v. Ut.84 | 111 | 10. FIELD AND POOL | , OR WIL | DCAT |
| 4. LOCATION OF WELL (Report location clearly an | d in accordance with | any State requireme | nts.*) | | Wi1 | dcat | |
| At surface NW눅SW눟 Sec. 12, T | . 16 S., R | 1. 12 E., SI | | | 11. SEC., T., B., M., C AND SURVEY OR | R BLE. | |
| At proposed prod. zone 662½ FWL, | 1978' FSL | | | | Sec.12, T. | 16 S | ,R.12 |
| 14. DISTANCE IN MILES AND DIRECTION FROM NE. | AREST TOWN OR POST | OFFICE* | | | 12. COUNTY OR PARI | зн 13. | STATE |
| 15 miles southeast o | f Wellingt | on, Utah | | 1 | Emery | | Utah |
| 15. DISTANCE FROM PROPOSED* | • 1 | 16. NO. OF ACRES IN | LEASE 17 | | F ACRES ASSIGNED | | |
| LOCATION TO NEAREST 662 PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any) | | 2320 | | | 160 | | |
| 1S. DISTANCE FROM PROPOSED LOCATION* | 2500' | 19. PROPOSED DEPTH | 20 | . ROTA | RY OR CABLE TOOLS | | |
| TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. | 2500' | 3910' | | | Rotar | | |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) | | | | | 22. APPROX. DATE | WORK WI | LL STABT* |
| | 5277 | | | | Dec. 6. | 1982 | |

| PROPOSED CASING AND | CEMENTING PROGRAM |
|---------------------|-------------------|
|---------------------|-------------------|

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|---------------------------|
| 24" | 16'' | 65# | 30' | 6 cu. yds. Redi Mix |
| 14-3/4" | 10-3/4" | 40.50# | 425' | 450 sx - Circ. to Surface |
| 9-7/8" | 7-5/8" | 26.40# | 3450' | 400 sx - Class H |

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED

Senior Engineer

(This space for Federal or State office use)

NOTICE OF APPROVAL

PERMIT NO.

E. W. GUYNN

E. W. Guynn

District Oil & Gas Supervisor

DEC 1 4 1982

APPROVED BY .. CONDITIONS OF APPROVAL, IF ANY :

CONDITIONS OF APPROVAL ATTACHED

TO OPERATOR'S COPY

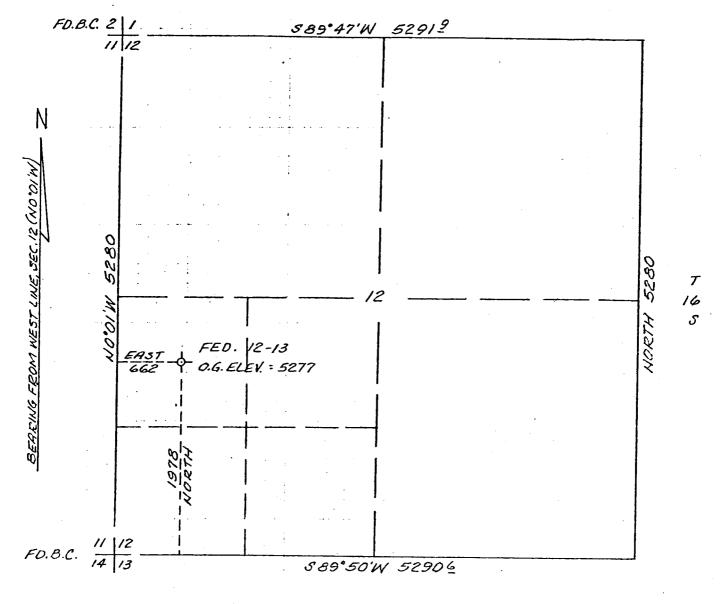
*See Instructions On Reverse Side

FLARING OR VENTING OF **GAS IS SUBJECT TO NTL 4-A DATED 1/1/80**

State O & S

EXHIBIT "C"

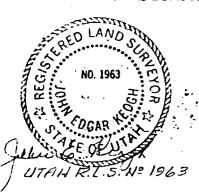
R16E



SEC. BOLINDARY CALLS ARE RECORD

WELL LOCATION PLAT OF
FEOERAL 12-13 IN
NW /4 SW /4, SEC.12, TIGS,RIZE, S.L.B.&M.
EMERY COUNTY, LITAH
TRANSIT & E.D.M. SURVEY
FOR: SKYLINE OIL COMPANY
SCALE:1"=1000' SEPT. 14, 1982

ELEV. BY VER. ANGLES FROM U.S.G.S. TOPO. QUAD. "MOUNDS, UTAH", 1969 (NW COR., SEC. 11 = 5360)



Skyline Oil Company Well No. 12-13 Section 12, T.16S., R.12E. Emery County, Utah Lease U-43778

Supplemental Stipulations

 A ditch will be constructed on the uphill on North-northwest of the location to divert drainage around the site.

ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

- (1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- (2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.
 - (3) All disturbed areas not required for operations will be rehabilitated.
- (4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.
- (5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.
- (6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.
- (7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.
- (8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.
- (9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.
- (10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.
- (11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.
- (12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

SKYLINE Oil Company

A TEXAS EASTERN COMPANY

November 29, 1982

DIVISION OF OIL. GAS & MINING



State of Utah Department of Natural Resources Division of Oil, Gas and Mining 4241 State Office Building Salt Lake City, Utah 84114

> Re Application for Permit to Drill, Skyline Oil Company's Proposed Federal #12-13 Well, NW\2SW\2, Sec. 12, T. 16 S., R. 12 E., S.L.M., Emery County, Utah. Federal Lease U-43778

Gentlemen:

Enclosed herewith are duplicate copies of our Application for Permit to Drill with attached exhibits for the proposed well. We have included copies of the surveyors plat, topo maps, archeological report and other exhibits. We will also comply to the BLM Stipulations which we have received. Any other information that is required will be furnished gladly.

We have filed and will be drilling this well under the Designation of Operator from B. K. Seeley, Jr., Lessee of Record under Lease U-43778.

Very truly yours,

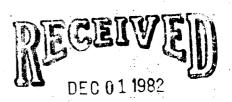
Clifford Selin Senior Engineer

Enclosures

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES DEPARTMENT OF THE INTERIOR

| | DEFARTMENT | | | | | | U-437 | 78 |
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| APPLICATION | FOR PERMIT T | O DRILL, L |)EEPE | N, OR | PLUG BY | ACK_ | | |
| 12. TYPE OF WORK DRIL | L 🛚 | DEEPEN [| | PL | UG BAC | к 🗆 | 7. UNIT AGREEMENT N | AME |
| | S OTHER | | | NGLE | MULTIPL Zone | E 🔲 | 8. FARM OR LEASE NAM | 4E |
| 2. NAME OF OPERATOR | 0 | A A TO A BYST | | | | | 9. WELL NO. | |
| Si | KYLINE OIL CO | MPANY | | | | | FEDERAL #12- | 12 1/ |
| 3. ADDRESS OF OPERATOR | | 1. 0.1 | | | | | | |
| 2000 Univers | ity Club Buil | ding, Sal | .t La | ake Cit | y, ut. | 84111 | UNDESIGNATES | |
| 4. LOCATION OF WELL (Re | port location clearly and | in accordance wit | h any S | tate requirem | lents.*) | | WIIG | ac V |
| NW\SW | Sec. 12, T. | 16, S., 1 | ζ, 1: | 2 E., S | STR/W | | 11. SEC., T., R., M., OR I | BLB. BEA |
| At proposed prod. zone | , 662½ FWL, | 1978' FSI | | | | | Sec.12, T.16 | S.,R.12 E. |
| 14. DISTANCE IN MILES A | ND DIRECTION FROM NEAR | EST TOWN OR POST | OFFICE | E * | | | 12. COUNTY OR PARISH | 13. STATE |
| 15 miles | southeast of | Wellingt | on, | Utah | | | Emery | Utah |
| 15. DISTANCE FROM PROPO- LOCATION TO NEAREST PROPERTY OR LEASE LI (Also to nearest drig | NE FT. | v | | 2320 | | TO T | F ACRES ASSIGNED HIS WELL 160 | : |
| 18 DISTANCE FROM PROPO | SED LOCATION* | 2500' | 19. PR | OPOSED DEPT | Q ₂ ^H | 20. ROTAL | RY OR CABLE TOOLS | |
| TO NEAREST WELL, DR OR APPLIED FOR, ON THE | ILLING, COMPLETED, | 2500' | | 3910' | Mrs | | Rotary | |
| 21. ELEVATIONS (Show whe | ther DF, RT, GR, etc.) | | | h | , | | 22. APPROX. DATE WO | RE WILL START* |
| , | | 5277 | 7'. | | <u> </u> | <u> </u> | Dec. 6, 19 | 982 |
| 23. | P | ROPOSED CASI | G ANI | CEMENTI | NG PROGRA | M | | |
| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER F | оот | SETTING | DEPTH | | QUANTITY OF CEME | NT |
| 24" | 16" | 65 | <u> </u> | | 30' | 6_cu. | yds. Redi l | 4ix |
| 14-3/4" | 10-3/4" | 40.50 | <u> </u> | | 425' | 450 s | x - Circ. to | Surface |
| 9-7/8" | 7-5/8'' | 26.40 | <i>j</i> | | 3450 ' | 400 s | x - Class H | |



DIVISION OF OIL. GAS & MINING

| s ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to one. If proposal is to drill or deepen directionally, give per | o deepen o tinent dat | r plug back, gi a on subsurface | ve data on present prode | luctive zone and proposed new productive d and true vertical depths. Give blowout |
|--|--------------------------|------------------------------------|--------------------------|--|
| reventer program, if any. | | | | |
| SIGNED Support Setur | TITLE | Senior | Engineer | DATE 11-29-82 |
| (This space for Federal or State office use) | | | | · |
| PERMIT NO. | | APPROVAL D | | BY THE STATE |
| APPROVED BY | TITLE | | | AND MINING |
| *See | Instructio | ns On Revei | | 2-82 the |

SKYLINE OIL COMPANY GRASSY TRAIL FIELD FEDERAL #12-13

NW SW SEC. 12, T. 16 S., R. 12 E., EMERY COUNTY, UTAH

1. The Geologic Name of the Surface Formation:

Cedar Mountain Formation (Cretaceous)

2. Estimated Tops of Important Geologic Markers:

| Morrison | 295' |
|----------|--------|
| Curtis | 1,065' |
| Entrada | 1,190' |
| Carmel | 1,550' |
| Navajo | 1,830' |
| Wingate | 2,365' |
| Chinle | 2,760' |
| Moenkopi | 3,010' |
| Sinbad | 3,645' |
| TD | 3,945' |

3. The Estimated Depths At Which Anticipated Water, Oil or Other Mineral Bearing Formations Are Expected To Be Encountered:

| Water | Navajo | 1,830' |
|-------|----------|--------|
| Water | Wingate | 2,365' |
| Oil | Moenkopi | 3,010' |

4. Proposed Casing Program:

| String | Size/ | Weight, | /Grade | Condition | Depth Interval |
|--------------------------------------|--------------------------|---------|--------|-------------------|---------------------------|
| Conductor Surface Intermediate | 16" 10-3/4" 7-5/8" | | K-55 | New New New | 0-30' ± 0-425' ± 0-3,450' |

- 5. Minimum Specifications for Pressure Control Equipment:
 - A. Casinghead Equipment:

Lowermost Head: 10-3/4" LT&C X 10" 3000 PSI Tubinghead: 10" 3000 PSI X 8" 3000 PSI Adapter & Tree: 8" 3000 PSI X 2½" 3000 PSI

Valves: 1 - 2½" 3000 PSI & 2 - 2" 3000 PSI

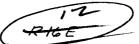
B. Blowout Preventers:

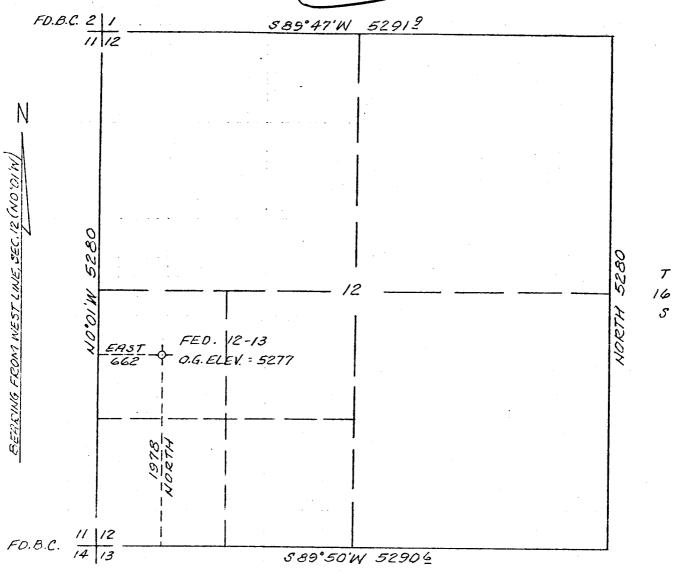
Refer to attached drawing "BOP Requirements".

C. <u>Testing</u>:

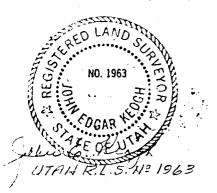
Stack will be tested to 2000 PSI prior to drilling under surface and prior to drilling under intermediate casing. Operational checks will be made periodically.

EXHIBIT "C"





SEC. BOLINDARY CALLS ARE RECORD



WELL LOCATION PLAT OF
FEOERAL 12-13 IN
NW /4 SW /4, SEC.12, TIGS, RIZE, S.L.B. \$M.
EMERY COUNTY, LITAH
TRANSIT \$ E.D.M. SURVEY
FOR: SKYLINE OIL COMPANY
SCALE: 1"=1000' SEPT. 14, 1982

ELEV. BY VER. ANGLES FROM U.S.G.S. TOPO. QUAD. "MOUNDS, UTAH", 1969 (NW COR., SEC. 11 = 5360)

6. Drilling Program:

- A. Mud will be used as the drilling medium from surface to approximately 3450' or depth of intermediate casing.
- B. Air will be used as drilling medium from 3450' or intermediate casing depth to TD of 3945'. Foaming agent will be used as necessary should water be encountered.

7. Auxiliary Control Equipment:

- A. Kelly cocks will be used.
- B. A full opening safety valve with drill pipe threads, in the open position, will be on the rig floor at all times.
- C. A bit float will not be used unless conditions dictate.

8. Testing, Coring and Logging Programs:

A. Drill stem tests.

Moenkopi if warranted.

B. Cores.

None anticipated.

C. Logs.

Dual induction Laterolog and Compensated Neutron-Formation Density. 3450' ± to TD. Gamma Ray will be run from surface to TD.

- 9. No abnormal pressures, temperatures or hazards are anticipated.
- 10. It is anticipated that drilling operations will commence November 20, 1982, with approximately 18 days of drilling and coring to reach TD. Completion operations will require an additional 15 30 days.

GOVERNMENT DIRECTED MULTIPOINT PROGRAM TO ACCOMPANY APPLICATION FOR PERMIT TO DRILL PROPOSED EXPLORATORY WELL SKYLINE OIL COMPANY

FEDERAL #12-13 NW SE Sec. 12, T. 16 S., R. 12 E.

1. Existing Roads - Exhibits "A" and "B"

- A. Topo Maps "A" & "B" show the well site as staked and its position relative to existing towns, roads and topography.
- B. To reach drill site, turn south off U. S. Route 6, approximately 13.4 miles east of Wellington and 2.5 miles east of Sunnyside Junction. Go across cattle guard and take left hand county road to the south for approximately 5 miles past Skyline Oil Company's Federal Well #11-41. Approximately ½ mile south, just north of Cottonwood Creek, is the planned access road. The access road will extend about ½ mile on north side of creek in the flood plain. Part of this access road will extend to the railroad crossing when approved. The proposed access road is marked in red on Exhibit "B".
- C. Existing and proposed roads are shown on Exhibits "A" and "B".
- D. The county roads are maintained and are considered all weather roads.
- E. Some maintenance and improvements to existing roads are planned. Grading will be done when necessary.
- 2. Planned Access Road Exhibit "B"

Access road will be 16' wide and approximately 2000' long with 2 turnouts planned. No major cut or fill is required. If a permanent road is required, surface will be elevated, crowned, ditched and drainage installed as needed. Gravel will be used as surfacing material.

3. Location of Existing Wells - Exhibit "B"

All existing wells and our proposed wells within a two-mile radius of proposed location are shown on Exhibit "B".

- 4. Location of Existing and/or Proposed Facilities Exhibit "B"
 - A. Lessee has existing facilities within a one-mile radius of the proposed location as shown on Exhibit "B". They are production facilities at Fed. #11-33, Fed. 11-13, Fed. #13-11, Fed. #11-41, Fed. #14-31 and State 2-43X. Also other facilities owned by another lessee are located within one mile as shown on map.

B. The proposed production layout for this well is detailed in Exhibit "D" at a 1"=50' scale. Production and mud pits will be fenced with top flagging over production pit. The two 300 barrel tanks will be inside a 30' x 20' x 4.5' retaining wall to prevent contamination in the unlikely event of a tank rupture. This retaining wall will be fenced. Flow lines will be buried and have a working pressure greater than the pressure to be applied.

5. Location and Type of Water Supply

Water is to be hauled from the Cottonwood Creek from a location in Section 12 where the present road and Creek cross each other. Application to the State for water permit will be made. In event there is insufficient water or unsuitable water, it will be hauled from Wellington City some 18 miles north and west of site and on State and County roads.

6. Source of Construction Materials

- A. No outside construction materials will be required during drilling operations other than gravel. Gravel purchased or obtained from an approved source will be used in making the well site and access road serviceable under all weather conditions.
- B. Materials will not be obtained from Federal or Indian lands.
- C. No access road will be needed other than that leading from the county road to the drill site as shown on Exhibits "A" and "B".

7. Methods of Waste Disposal

- A. All waste material created by drilling operations, garbage, and trash will be placed in trash containers and is to be collected daily and hauled to the Carbon County land fill or a private land fill. Containers will be built or fenced with small mesh wire to prevent wind from scattering debris. Other waste material -- cuttings, water, drilling fluids, etc. -- created by drilling operations will be placed in mud pit and pit will be fenced at rig moveout. Fluids produced while completing well will be stored in tanks or mud pit as material dictates.
- B. When sufficient time has lapsed for liquid wastes in pits to dry, they will be backfilled as close to original contour as practicable, topsoil spread and re-seeded as per Bureau of Land Management requirements.
- C. Sewage disposal will be by means of self-contained chemical toilets.

8. Ancillary Facilities

None.

9. Well Site Layout - Exhibit "E"

Exhibit "E" shows the well site plan and cross-sections showing amount of cut and fill required. Mud pit and reserve pit will be unlined if possible.

10. Plans for Restoration of Surface

- A. Unused surface will be restored to its present condition and contour as nearly as is practicable, with all waste material buried or burned (with proper permits) and with all pits filled.
- B. Unused disturbed lands will be covered by stockpiled top soil and re-seeded according to the season and to Bureau of Land Management instructions.
- C. At the time of rig release, all pits will be fenced and so maintained until pits are back-filled.
- D. Any oil on pits will be removed and pits will be overhead flagged.
- E. Rehabilitation will begin as soon as practicable after rig move out and will be completed when pits have dried and the season allows re-seeding.

11. Other Information

- A. The location and road will be in a grassy and sage brush area with washed in sand as a subsurface. There are no trees in the area to be disturbed.
- B. Vegetation includes sagebrush, locoweed and a few native grasses. Fauna consists of antelope, rabbits, ground squirrels, lizards of various types not exceeding 12 inches in length, and assorted flying and crawling insects.
- C. Grazing is the only surface use activity in the immediate area of the location.
- D. No dwellings of any kind exist in the area and no archeo logical, historical or cultural sites are apparently present. An archeological inspection report is included as Exhibit "I".
- E. The leasehold acreage is Federal with surface administered by the Bureau of Land Management. The well is located

on Lease U-43778 with Skyline Oil Company, Operator, conducting operations under Designation of Operator from B. K. Seeley, Jr., lessee of record. The well site access road traverses only land under Lease U-43778.

12. Lessee's or Operator's Representative

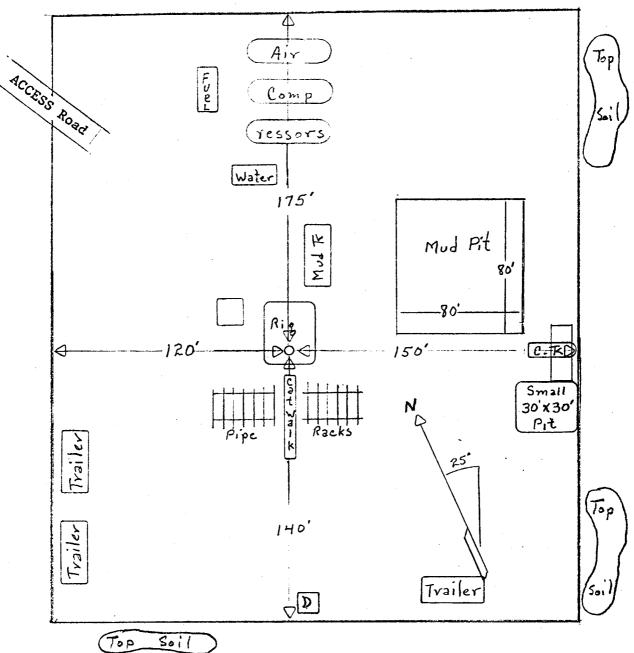
Skyline Oil Company's representative is Clifford E. Selin, 2000 University Club Building, Salt Lake City, Utah 84111, telephone (801) 521-3500.

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Skyline Oil Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

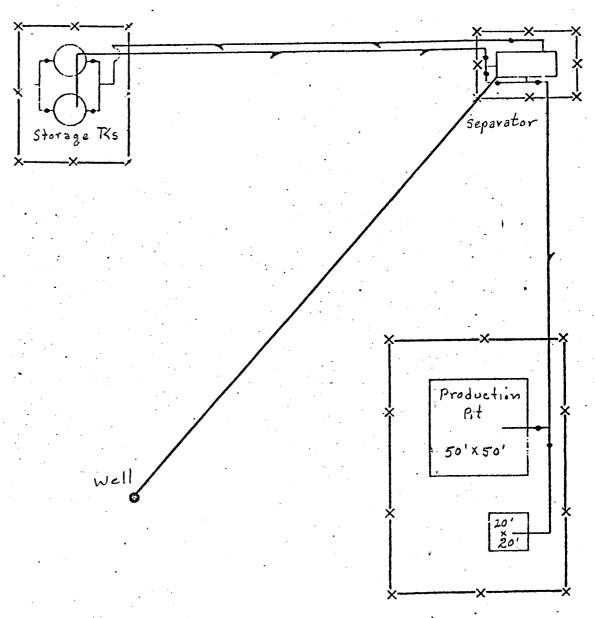
November 4, 1982 Date Chiffond Selen Senior Engineer

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Revised Drill Site Plan (Shorter in Width)

EXHIBIT "E"



Scale 1":50'

EXHIBIT "F"

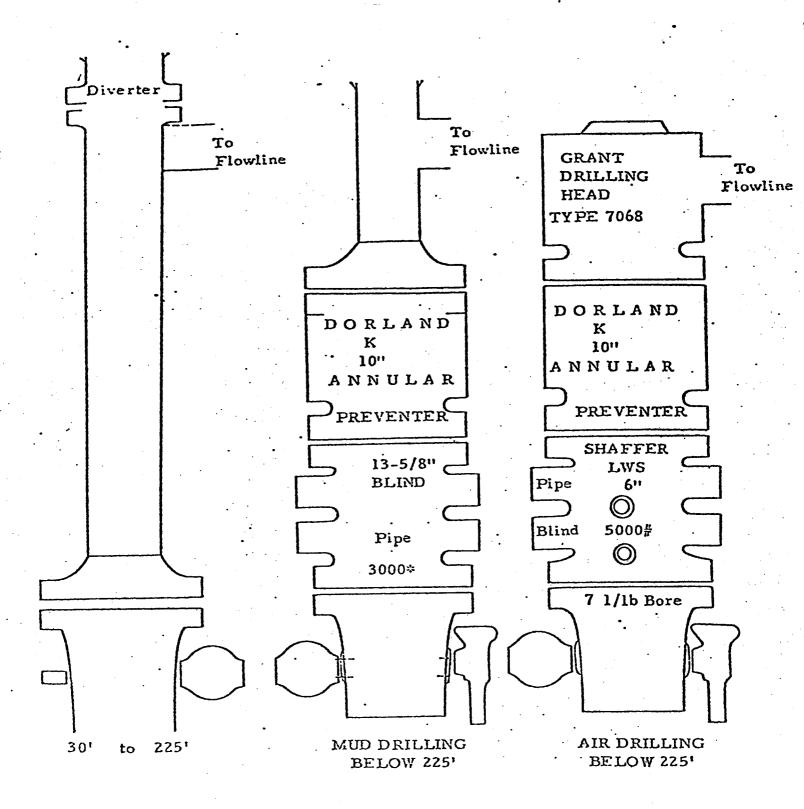


EXHIBIT "G"

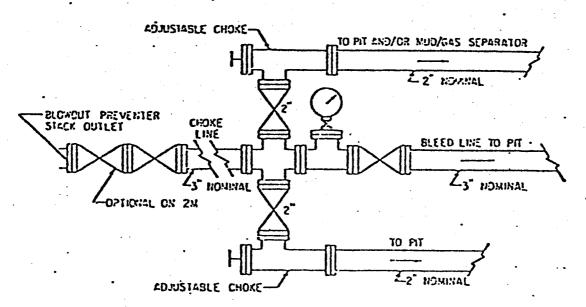


FIG. 3.A.1

TYPICAL CHOKE MANIFOLD ASSEMBLY
FOR 2M AND 3M RATED WORKING
PRESSURE SERVICE — SURFACE INSTALLATION

SKYLINE OIL COMPANY FEDERAL #12-13 NW SW Section 12 T.16S.,R.12E.,SLB&M Emery County, Utah

EXHIBIT "H"



ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

588 West 800 South Bountiful, Utah 84010 Tel: (801) 292-7061 or 292-9668

September 17, 1982

Subject: Archeological Evaluation of Five Proposed Oil-Gas

Well Locations in the Mounds Locality of Carbon

and Emery Counties

Project: Skyline Oil Company - 1982 Drilling Program,

Federal Locations 33-43, 1-42, 12-13, 13-11,

and 14-11

Project Number: SKOC-82-10

Permit: 81-Ut-179

To: Mr. Reed Spjut, Skyline Oil Company, 2000

University Club Bldg., 136 East South Temple,

Salt Lake City, Utah 84111

Mr. Gene Nodine, District Manager, Moab Office Bureau of Land Management, P.O. Box 970, Moab,

Utah 84532

Mr. Leon Berggren, Area Manager, Bureau of Land Management, Price Resource Area, P.O. Box AB

Price, Utah 84501

SKYLINE OIL COMPANY FEDERAL #12-13 NW SW Section 12 T.16S.,R.12E.,SLB&M Emery County, Utah

EXHIBIT "I"

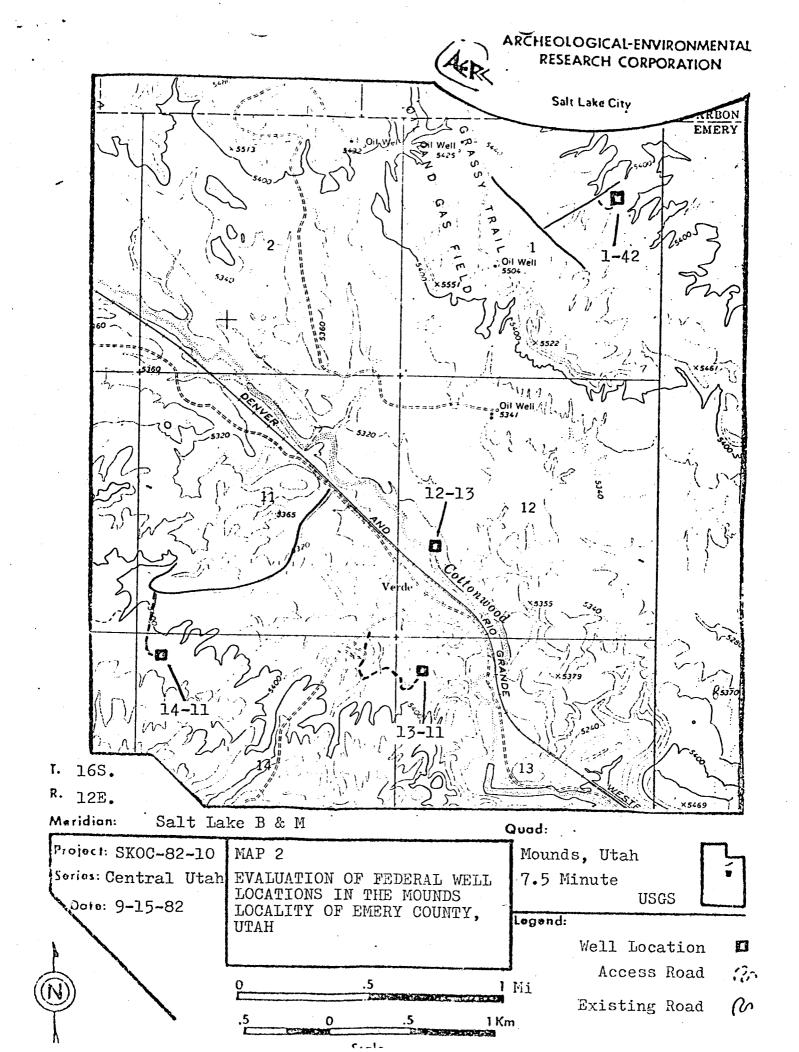
| | For BLM Use Only |
|--|--|
| U.S. Department of the Interior Bureau of Land Management Utah State Office | BLM Report ID No. |
| Summary Report of nspection for Cultural Resources | Mitigation Acceptable Yes No Comments: |
| • | |
| Report Title WEIL LOCATIONS IN MOUN | rds Area |
| Development Company Skyline Oil Com | pany |
| Report Date [9] 15 [1] 9 8 2 | 4. Antiquities Permit No. 81-Ut-179 |
| Responsible Institution A E R C S K C | OCI-812-110 County Carbon-Emery |
| Fieldwork Location: TWN [155] Rang | ge [12] E Section(s) [3] [] [] [] [] |
| TWN [1]6 S Rang | ge [[2]E] Section(s) [0] [1] [1] [1] [1] |
| Resource Area TWN Rang | |
| PO PONY EXPRESS, BR BEAR RIVER, PREPRICE RIVER DC BOOK CLIFFS HR HOUSE RANGE, SE SEVIER RIVE HM HENRY MOUNTAINS, BE BEAVER RIVER, DX DI KA KANAB ES ESCALANTE SJ SAN JUAN, GR GR SR SAN RAFAEL, DM DIAMOND MOUNTAIN, | 102103 104105 106107 108109 R, WS=WARM SPRINGS Fill in spaces 65,69,81,85,97, 101 Only V=Vernal Meridian H=Half Township |
| Description of Examination Procedures: | The archeologist, F. R. Hauck, walked a |
| series of 20 meter wide transects | to evaluate the flagged well locations. width was examined on each flagged |
| | |
| Linear Miles Surveyed 11 11 117 | 10. Inventory Type [I] |
| Definable Acres Surveyed 118 123 | R=Reconnaisance I=Intensive S=Statistical Sample |
| Legally Undefinable Acres Surveyed 25111 (*A parcel hard to cadastrally locate i.e., icenter of | section) |
| Description of Findings (attach append | lices, if appropriate) 12. Number Sites Found: 0111 |
| No cultural resource sites of any period were identified or recorded artifacts were observed to the West and a green diagnostic bottle neck the type collection. No definitive could be found at this location. | prehistoric or historic No sites = 0 131 1. Several isolate historic st of Federal 33-43 13, Collection: |
| Actual/Potential National Register Pro | perties Affected: |
| The National Register of Historic National Register Properties will | Places has been consulted and no |
| Conclusion/Recommendations: | |
| AERC recommends that a cultural re Oil Company for this project, base stipulations: (OVER) | |
| . Signature and Title of Institutional O | |
| | F. R. Hanck Ph D |

CONCLUSIONS/RECOMMENDATIONS (Continued)

- 1. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading into these locations.
- 2. All personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area.
- 3. A qualified archeologist be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the construction area.

F. R. Hauck, Ph.D.

President



Moab District
Price River Resource Area
P.O. Drawer AB
Price, Utah 84501

October 4, 1982

Memorandum

To: District Engineer, MMS; Salt Lake City, Utah

From: Area Manager, Price River

Subject: Skyline Oil Company's Wells 1-42, 12-13, 13-11-14-11 and 33-43-

An inspection of the proposed drill sites and access routes for subject wells was accomplished on September 29, 1982, in response to the staking requests. Stipulations that will be placed on our approval of the operation follow. These may be incorporated into the APD being prepared by Skyline.

- 1. The BLM's representative (Sid Vogelpohl, 801-637-4584) will be notified at least 48 hours prior to any surface disturbing activities associated with new access roads or drill pad location.
- 2. Skyline 011 shall insure that all individuals working at or near the location are aware of and comply with all applicable stipulations.
- 3. If subsurface cultural or paleontological material is exposed during construction, work will stop immediately in that area and the Price River Resource Area will be contacted for guidance in proceeding.
- 4. Six to eight inches of topsoil on the entire pad sites shall be removed and stockpiled in a manner to minimize soil loss to wind and water erosion. Stockpiles shall be rounded off and located so that soil is not contaminated or compacted. In the event that the well is a producer, soil stockpiles shall be seeded with crested wheatgrass.
- 5. Any sand or gravel hauled to the drill sites or roads may be required to be removed from the site during reclamation.
- 6. Residues and contaminated earth in mud pits may be required to be completely removed if, with reclamation, same would be near or exposed at the surface.
- 7. Garbage or burn pits will not be allowed. All garbage and trash will be collected daily and contained in a trash basket for final disposal at the Carbon County landfill or a private landfill. Littering of access roads by personnel involved in the drilling operation shall be prevented or corrected by Skyline Oil. Litter pickup along access roads may be required of the operator.

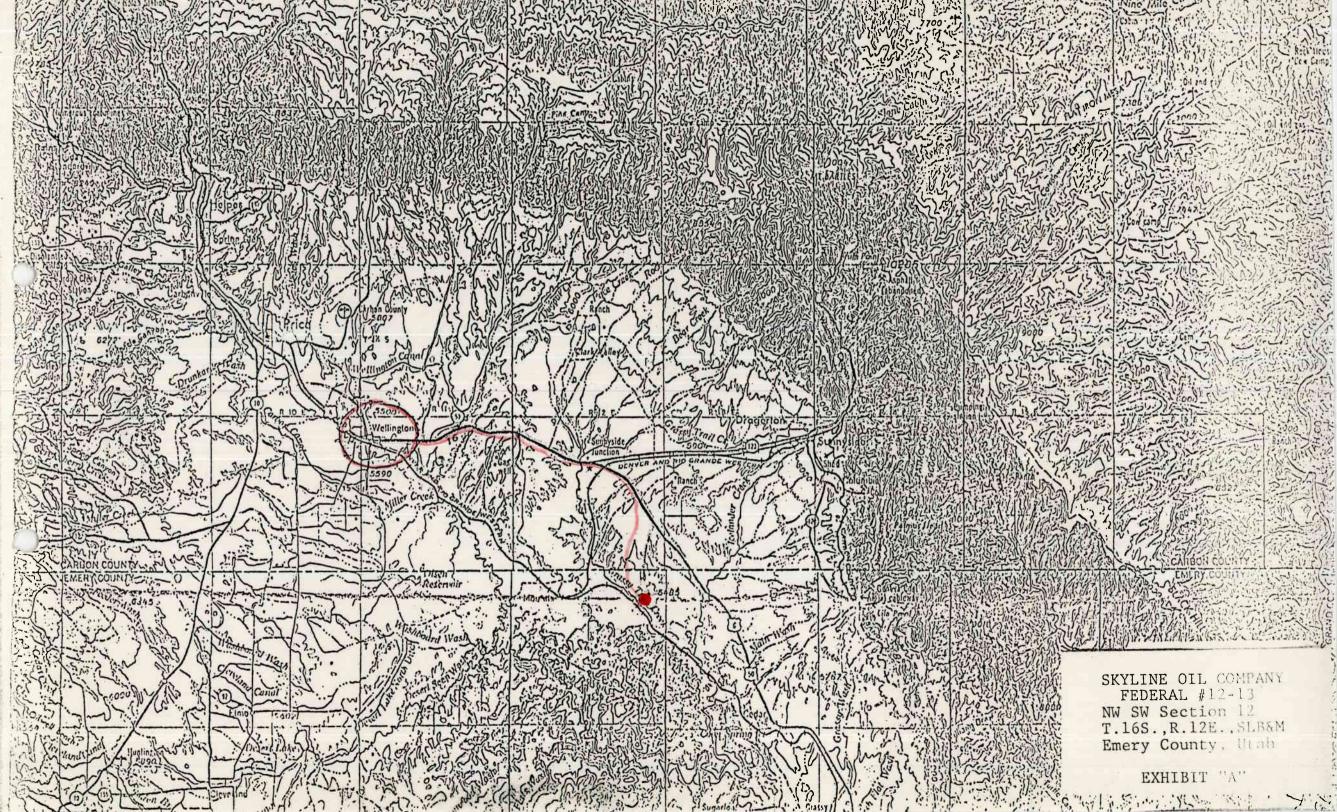
- 8. The roads as were flagged during the onsite inspections are approved. Driving surface widths are to be limited to 16 feet with turnouts at least every 1,000 feet or less as determined by terrain. Roads will be crowned and ditched or sloped with water bars and water turnouts. (Refer to BLM/USGS Surface Operating Standards, Figures 1 through 7.) Changes in finished road design may be required by the BLM.
- 9. Mud pits not based in at least four feet of cut material shall have the embankments of fill material key seated to ensure pit stability and fluid retention. The fill used in embankments shall be placed in lifts and compacted.
- 10. Upon completion of drilling operations, the BLM's representative shall be notified of production and/or reclamation plans so that an inspection may be conducted to determine if mitigating measures in addition to those included in the surface use plan or presented hereby are necessary.
- 11. Reclamation shall include contouring of the pad to blend with landforms in the general area, redistribution of topsoil and seeding. Seeding shall be accomplished during the period of September to December. A seed mix and seeding method will be provided by the BLM with the advent of reclamation.
- 12. Any production facilities will be painted a single, low gloss, pastel color that will blend with the color of soils, rock or vegetation. Color will be approved by the BLH's representative.

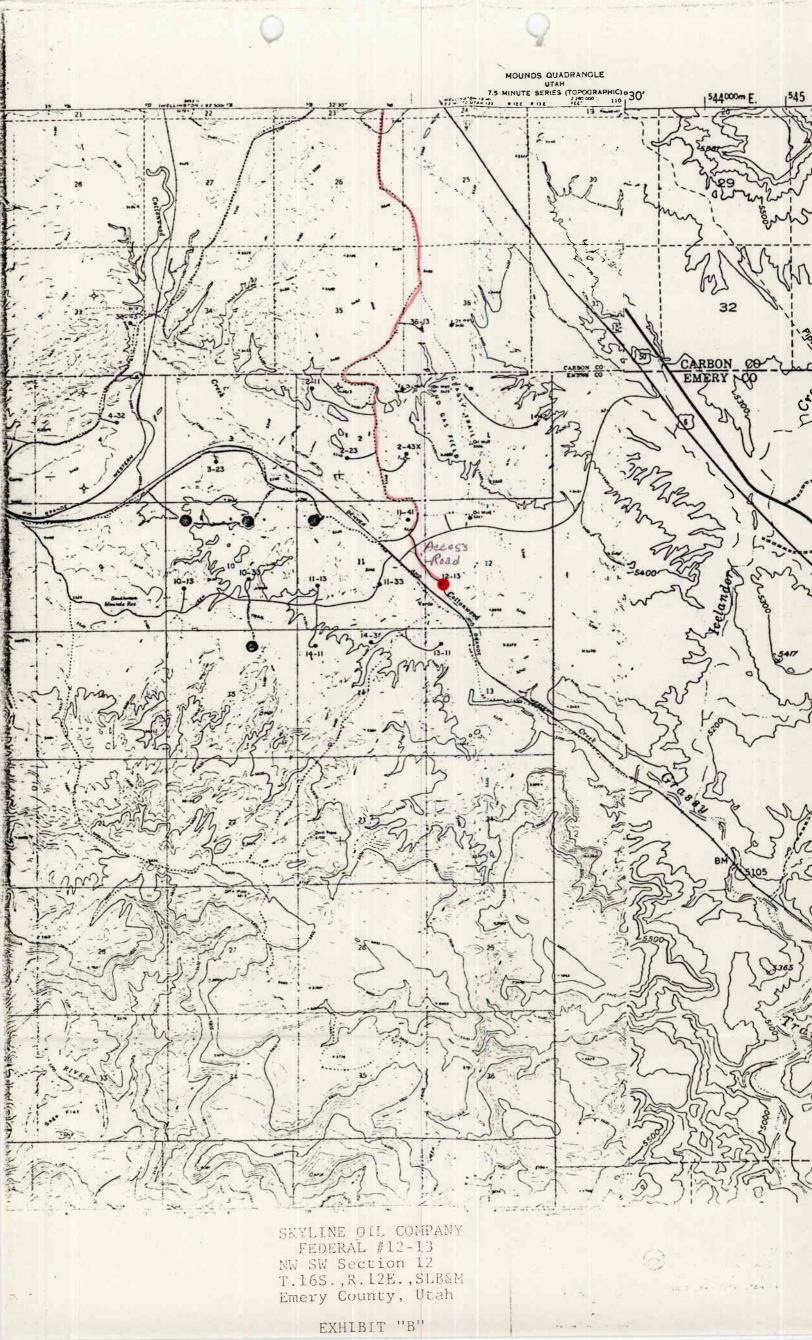
Threatened or endangered animal or plant species are not known to be present. An archaeological clearance has been granted.

/s/ Leon E. Berggren

cc: Skyline Oil Company 2000 University Club Bldg. Salt Lake City, Utah 84111

Sycgelpohl:ta-





| OPERATOR <u>SKYLINE OIL</u> CO. | | DATE | 12-1-82 |
|---------------------------------|--------------|---------------------|--------------|
| WELL NAME FED 12-13 | | | |
| SEC NUSW 12 T 165 | R 12 E CC | OUNTY EMEN | <u>}</u> |
| 43-015- 30142 API NUMBER | | FED TYPE OF LEAS | E |
| POSTING CHECK OFF: | | | |
| INDEX | HIL | | |
| NID | PI | | |
| MAP | | | |
| PROCESSING COMMENTS: | WITHING 1000 | | |
| | | | |
| | | | |
| PJEV | | | |
| APPROVAL LETTER: | | | |
| SPACING: A-3 UNIT | | c-3-a CAUS | E NO. & DATE |
| c-3-b | | c-3-c | |
| SPECIAL LANGUAGE: | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP. |
|--|
| AUTHENTICATE LEASE AND OPERATOR INFORMATION |
| VERIFY ADEQUATE AND PROPER BONDING FGO |
| AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC. |
| APPLY SPACING CONSIDERATION |
| ORDER NO |
| UNIT NO |
| c-3-b |
| c-3-c |
| OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR. |
| IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER |

•

December 2, 1982

Skyline Oil Coppany 2000 University Club Building Salt LakeCCity, Utah 84111

> RE: Well No. Federal 12-13 NWSW Sec. 12, T.16S, R.12E Emery County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Engineer

CLEON B. FEIGHT - Director

Office: 533-5771

OR Office: 533-5771

Home: 571-6068

Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-015-30142.

Sincerely,

Norman C. Stout

Administrative Assistant

NCS/as cc: MMS Enclosure

Lease No. . **UNITED STATES** DEPARTMENT OF THE INTERIOR -Communitization Agreement No. . **GEOLOGICAL SURVEY** Undesignated Field Name (FORM 9-329) Unit Name_ (2/76)42-RO 356 Participating Area. Emery State_ County ____ MONTHLY REPORT SKYLINE OIL COMPANY Operator __ OF

OPERATIONS

The following is a correct report of operations and production (including status of all unplugged wells) for the mont of <u>December</u>, 1982

□ Amended Report

Utah

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C, 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & % of % | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | •Barrels of Water | Remarks 43-015- |
|-------------|------------------|-----|-----|----------------|---------------|--------------------|----------------|----------------------|---|
| 12-13 | Sec.12 NW NE | 16S | 12E | DRG | | | | | 30142 Drilling @ 870 |
| 13-11 | Sec.13 | 16S | 12E | DRG | | | | | Drilled to 339 |
| 14-11 | Sec.14 NW NW | 16S | 12E | DRG | . | | | | Drilled to 3800 |
| 14-31 | Sec.14 NW NE | 16S | 12E | DRG | | | | | 30/28 Moving in completion rig |
| 11-41 | Sec.11 NE NE | 16S | 12E | \ DRG | | | | | 30118 Attempting completion in Moenkopi |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | • | | | , d |

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLS) | Gas (MCF) | Water (BBLS) |
|---|----------------------------|--------------------------|--------------------------|
| *On hand, Start of Month | | xxxxxxxxxxxxxx | xxxxxxxxxxxxxxx |
| *Produced | | | |
| *Sold | | | <u>xxxxxxxxxxxxxxxxx</u> |
| *Spilled or Lost | <u></u> | xxxxxxxxxxxxxx | <u>xxxxxxxxxxxxxxxxx</u> |
| *Flared or Vented | XXXXXXXXXXXXXXXX | | XXXXXXXXXXXXXXXX |
| *Used on Lease | | | XXXXXXXXXXXXXXX |
| *Injected | | | · |
| *Surface Pits | XXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXX | |
| *Other (Identify) | | | |
| *On hand, End of Month | | <u>xxxxxxxxxxxxxxxxx</u> | XXXXXXXXXXXXXXX |
| *API Gravity/BTU Content | | | XXXXXXXXXXXXXXX |
| Authorized Signature: 11 U fulleur Title: Sr. Petroleum Engineer | Address. | 000 University Pageof | Club Bldg.,SLC, |

| 8. I hereby certify that the foregoing is true and correct | | | | | | |
|---|------------|-----------|----------|-----------|-----|------|
| 8. I hereby certify that the foregoing is true and correct SIGNED Muhael d. Cadeson | TITLE _Sr. | Petroleum | Engineer | DATE Jan. | _5, | 1983 |
| (This space for Federal or State office use) | | | | | | |
| APPROVED BYCONDITIONS OF APPROVAL, IF ANY: | TITLE | | | DATE | | |

Oil and Gas Operations 2000 Administration Building 1745 West 1700 South Salt Lake City, Utah 84104

January 10, 1983

Reed Spjut
Skyline Oil Company
2000 University Club Building
Salt Lake City, Utah 84111

Dear Mr. Spjut:

In a December 16, 1982 telephone conversation, you were instructed to provide us with information and data concerning the bottom hole configuration of all your wells in the Grassy Trails field of Carbon and Emery Counties. Due to the horizontal drilling and completion techniques employed, the information is necessary to evaluate drainage and insure that State spacing requirements have been met. The revised Oil and Gas Operating Regulations, 30 CFR 221, require wells to be drilled and completed without deviating significantly from the vertical without prior written approval (221.25). The Applications for Permit to Drill (APD) for wells in the area were approved for vertical drilling only, as requested and reported in your proposed drilling plans.

Review of our records and Petroleum Information reports shows that the following wells have been drilled:

| Well No. | Location | Lease No. | |
|----------|-------------------------|-----------|--|
| 4-32 | Sec. 4, T.16S., R.12E. | บ-43777 | |
| 10-13 | Sec. 10, T.16S., R.12E. | บ-43777 | |
| 10-33 | Sec. 10, T.16S., R.12E. | บ-20857 | |
| 11-33 | Sec. 11, T.16S., R.12E. | U-43778 | |
| 11-41 | Sec. 11, T.16S., R.12E. | U-43778 | |
| 14-11 | Sec. 14, T.16S., R.12E. | U-43778 | |
| 14-31 | Sec. 14, T.16S., R.12E. | U-43778 | |

Information and data concerning any multiple deviations and the depth, orientation or direction, length and size of the horizontal bore holes must be submitted to this office within 30 days.

Your plans for horizontal drilling, including depth, orientation, length, size and multiple deviations for the following wells, approved for drilling or currently being drilled, must also be submitted within 30 days:

State 0\$6

| Well No. | Location | Lease No. |
|--------------|-------------------------|----------------|
| 3-23 | Sec. 3, T.16S., R.12K. | U-21520 |
| 5-32 | Sec. 5, T.16S., R.12E. | บ-20857 |
| 10-11 | Sec. 10, T.16S., R.12E. | U-43777 |
| 10-31 | Sec. 10, T.16S., R.12E. | U-20285 |
| 11-11 | Sec. 11, T.16S., R.12R. | U-43778 |
| 11-13 | Sec. 11, T.16S., R.12E. | U-43778 |
| 12-13 | Sec. 12, T.16S., R.12E. | U-43778 |
| 12-22 | Sec. 12, T.16S., R.12E. | U-013639 A |
| 13-11 | Sec. 13, T.16S., R.12E. | U-43778 |
| 15-31 | Sec. 15, T.16S., R.12E. | U-20285 |

Additionally, any future APD's must include such horizontal drilling plans in the reported drilling program submitted for approval. Any deviations from reported and approved plans must also be reported to this office. If requested, information will be kept confidential per 30 CFR 221.33.

Failure to comply with this request will be considered an incident of noncompliance and assessments of \$250 per well per day could be levied for all the above mentioned wells per 30 CFR 221.52.

A review of our files for your wells revealed a lack of required reports and notifications. Monthly Reports of Operations (Form 9-329), weekly drilling reports per the Conditions of Approval for Notice to Drill and unreported spuds should be updated immediately and be maintained on a regular basis as required.

Sincerely,

E. W. Guynn District Oil & Gas Supervisor

> E. W. Guynn District Oil and Gas Supervisor

bcc: George

Well Files (17)

Utah State 0&G

GJD/kr

| Form 9-331 May 1963) DEPA | UNITED STAT | | SUBMIT IN T (Other instru Verse side) | TRIPLICATE* | Budget 5. LEASE DESIGN | | 12-R1424. |
|--|--|---|---|---------------------------------------|---------------------------|----------------|-----------|
| | GEOLOGICAL S | JŖVEY | | | U-437 | | RE NAME |
| SUNDRY N (Do not use this form for f | OTICES AND RE | PORTS ON pea or plug back | WELLS to a different resals.) | servolr. | 7. UNIT AGREEM | • | · |
| OIL SAS CAS OTH | | | | | 7. UNIT AGREEM | | • |
| 2. NAME OF OPERATOR | | | | · · · · · · · · · · · · · · · · · · · | 8. FARM OR LEA | SE YAKE | • |
| | NE OIL COMPANY | | | | 9. WELL NO. | | |
| 3. ADDRESS OF OFFERIOR 2000 University Cl | ub Bldg., Sal | t Lake C | ity, Utah | 84111 | FEI | DERAL # | 12-13 |
| See also space 17 below.) | tion clearly and in accorda | nce with any Sta | te requirements. | | | dcat | • |
| * NW\SW\ Section 1 | 2, T. 16 S., F | R. 12 E., | SLB&M | | Sec. 12, | T.16S. | |
| 14. PERMIT NO. | 15. ELEVATIONS (Sh | ow whether DF, RT | , GA, elc.) | | 12. COUNTY OR | | |
| 23. FRUMA | GL - | 5277' | | <u> </u> | Emer | :y | Utah_ |
| 16. Chec | k Appropriate Box To | Indicate Nat | ure of Motice, | Report, or C | ther Data | | |
| Notice of | ENTERTION TO: | · | • | SUBSEQU | ENT REPORT OF: | | |
| PRACTURE TREAT | PULL OR ALTER CASIN MULTIPLE COMPLETE | | WATER SHUT FRICTURE TR SHOOTING OR | EVINENL | ALTE | CRING CASING | |
| SHOOT OR ACIDIZE | ABANDON® | X | (0)51 | | of multiple com | oletion on Wei | |
| (Other) | | | Comple | tion or Recompi | etion Report and | tog torus) | |
| (Other) 17. presents recreased on complex proposed work. If well is a near to this work.) | - | | | | • | | • |
| This well has b | • | | | | | | |
| • . | • | | | | | | |
| selected on the | basis of log | s, cores | and othe | er data | pering dev | 'erohea | |
| the well bore. | | | | • | | | |
| All well inform | nation will be | reporte | d in the | complet | ion repor | t (For | m 9-330) |
| and will be sta | amped "Confide | ntial". | | | | • | |
| • | | • | | • | | • | |
| · | • | | | • . | | • | |
| • | | • | • | | • | | |
| | | المستعدات المدار الاعامار | · · · · · · · · · · · · · · · · · · · | | | | • |
| | | 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - | * | | | | |
| | • | | | | • | | |
| 18. I hereby certify that the fores | olog is true and correct | | | | | 1-26-8 | 2 |
| SIGNED Williams | Jella V. | TITLE Se | nior Engi | ineer | DATE _ | T-V0-0 | · |
| (This space for Federal or Su | ate office use) | • | | | | | • |
| APPROVED BY | L. IF ANY: | TITLE | | | DATE _ | | |

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY (FORM 9-329) (2/76)

42-RO 356 **OMB**

MONTHLY REPORT OF

| | 7 |
|--|---|
| Lease No. U-4377 | |
| Communitization Agreement No. Undesignated | |
| Unit Name | |
| Participating AreaStateUtah | 1 |
| County Emery State Utar Operator SKYLINE OIL COMPANY | |
| □ Amended Report | |

The following is a correct report of operations and production (including status of all unplugged wells) for the month of January , 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C, 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report carresult in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and for result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and for result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and for result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and for result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and for result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and for result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and for result in the assessment of liquidated damages (30 CFR 221.54 (j)).

| | bond (30 CFR | 7WP | RNG | Well | Days | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|-----------------|-----------------|------|------|--------|-------|--------------------|----------------|----------------------|---|
| Well No. | . % of % | •••• | | Status | Prod. | | | None | W/O completion |
| | Sec.12 | 16S | 12E | DRG | | None | None | None | rig |
| CONF | NW SW | 166 | 1 25 | DRG | · | None | None | None | W/O completion |
| 13-11√ CONF. | Sec.13 | 102 | 12E | DRG | | | | 37 | rig Attempting |
| 14-11 | Sec.14 | 165 | 12E | DRG | | None | None | None | completion in Moenkopi |
| 14-31 | Sec.14 NW NE | 168 | 12E | DRG | | None | None | None | Attempting completion in Moenkopi |
| 11-11 | Sec.11 | 168 | 12E | DRG | | None | None | None | Drilling @ 2889' |
| | | | | | | | · | | ₹ ₁ : |
| • | | | | | | | | | Ŷ, |
| | | | | | | · | | | |
| | | | | | | | | | |

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| DISPOSITION OF PRODUCTION (Lease, Partic | Oil & Condensate (BBLS) | Gas (MCF) xxxxxxxxxxxxxxx | Water (BBLS) |
|--|----------------------------|---------------------------------|---|
| On hand, Start of Month Produced | | | xxxxxxxxxxxxxx |
| *Sold *Spilled or Lost | | ****** | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXX | | xxxxxxxxxxxxxx |
| *Used on Lease *Injected *Surface Pits | xxxxxxxxxxxxx | xxxxxxxxxxxxx | |
| *Other (Identify) | | xxxxxxxxxxxxx | XXXXXXXXXXXXXXXX |
| *On hand, End of Month *API Gravity/BTU Content Authorized Signature: M. C. Canlant Title: Sr. Petroleum Engineer | Address: | 2000 University Page 1 of _ | Club Bldg.,S. 1 Uta 841 |

| | · · · | 11 1 7 |
|--|---|--|
| UNITED STATES | Lease No | |
| UNITED STATES | | 16, |
| DEPARTMENT OF THE INTER. | Communitization Agretient No | ed. |
| GEOLOGICAL SURVEY | Field Name Undesignate | <u> </u> |
| (FORM 9-329) (2/76) | Unit Name | |
| OMB 42-RO 356 | Participating Area | |
| | - FMFDV | State UTAH |
| MONTHLY REPORT | Operator SKYLINE OIL COMPAN | Ÿ |
| OF OPERATIONS | ☐ Amended Report | - 100 mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/m |
| The following is a correct report of operat of February, 19.83 | ions and production (including status of all unplu | igged wells) for the mon |
| (Se | ee Reverse of Form for Instructions) | |
| This report is required by law (30 U.S.C, 189, 30 U.S.C. result in the assessment of liquidated damages (30 CF | 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the term FR 221.54 (j)), shutting down operations, or basis for recommen | is of the lease. Failure to report on adation to cancel the lease and |

This report is required by law (30 U.S.C, 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report carries to recommendation to cancel the lease and for result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and for feit the bond (30 CFR 221.53).

Well Sec. & TWP RNG Well Days Barrels • MCF of Barrels Remarks
No. % of %

| Well | Sec. & % of % | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|----------------------|------------------|------------------|-----|----------------|---------------|--------------------|----------------|----------------------|--|
| | | 1 ₆ S | 12E | DRG | | None | None | None | Set 7-5/8" casing @ 355 Drilled to |
| 1 | | · | | | | | | | 4050'. |
| 12-13 | Sec.12 NW SW | 16S | 12E | DRG | _ | None | None | None | W/O completic |
| (c ¹ 3-11 | Sec.13 NW NW | 16S | 12E | DRG | | None | None | None | Attempting completion i Moenkopi |
| | Sec.14 NW NW | 16S | 12E | DRG | | None . | None | None | Attempting completion i Moenkopi. |
| 14-31 | Sec.14 NW NE. | 16S | 12E | DRG | | None | None | None | Attempting completion i Moenkopi. |
| • | ; | | | | | | | | |

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLS) | Gas (MCF) | Water (BBLS) |
|----------------------------------|----------------------------|-------------------|------------------|
| | (5520) | XXXXXXXXXXXXXXXXX | xxxxxxxxxxxx |
| *On hand, Start of Month | | | |
| *Produced | | | xxxxxxxxxxxxxxx |
| *Sold | | XXXXXXXXXXXXXXXX | xxxxxxxxxxxxxx |
| *Spilled or Lost | | | XXXXXXXXXXXXXXX |
| •Flared or Vented | XXXXXXXXXXXXXXX | | XXXXXXXXXXXXXXXX |
| *Used on Lease | | | AAAAAAAAAA |
| *Injected | | | |
| *Surface Pits | <u>xxxxxxxxxxxxxx</u> | XXXXXXXXXXXXXXXX | |
| *Other (Identify) | | | |
| On hand, End of Month | | *xxxxxxxxxxxxxxx | XXXXXXXXXXXXXX |
| *API Gravity/BTU Content | <i>a</i> | | xxxxxxxxxxxxxxx |
| Authorized Signature: 711 11. Ca | | 2000 University | S.L.C., UT 84 |
| Title: Senior Petroleum E | ngineer | Page of | |

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY (FORM 9-329) (2/76) OMB 42-RO 356

MONTHLY REPORT

OF

| Lease NoU-437 | | | | |
|--------------------------------|---------|------|---|--|
| Communitization Agreement No. | | | | |
| Field Name <u>Undesignated</u> | | | | |
| Unit Name | | | _ | |
| Participating Area | | | _ | |
| County Emery | State _ | Utah | | |
| Operator Skyline Oil Company | | :40 | _ | |
| □ Amended Penort | | | - | |

DPERATIONS

Amended Re

The following is a correct report of operations and production (including status of all unplugged wells) for the mont! of __April_____, 1983____

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C, 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Test tile | DONG (30 CF) | X 221.53 | i). | | | | | | |
|-------------|------------------|----------|-----|----------------|---------------|--------------------|----------------|----------------------|---|
| Well No. | Sec. & % of % | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | "Barrels of Water | Remarks |
| 11-11 | Sec.11 NWNW | 16S | | DRG. | - - | | | | Waiting on completion r |
| 12-13 | Sec.12 NWSW | 168 | 12E | DRG | | , | | | Attempting completion in Moenkopi |
| 13-11 | Sec.13 NWNW | 16S | 12E | - | | Confiden | tial | | Shut in pending evaluation of completion. |
| - | | | | · | • | | | | |
| | | | | | | | | | |

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLS) | Gas (MCF) | Water (BBLS) |
|-------------------------------|----------------------------|--|---|
| *On hand, Start of Month | | xxxxxxxxxxxxxxx | XXXXXXXXXXXXXXXXXX |
| *Produced | | | |
| *Sold | | | XXXXXXXXXXXXXXXXX |
| *Spilled or Lost | | XXXXXXXXXXXXXXX | |
| *Flared or Vented | XXXXXXXXXXXXXXXX | MANAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | XXXXXXXXXXXXXXXXX |
| *Used on Lease | | | XXXXXXXXXXXXXXXXX |
| *Injected | | | XXXXXXXXXXXXXXXX |
| Surface Pits | XXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXX | |
| Other (Identify) | | AAAAAAAAAAAAAA | |
| On hand, End of Month | | XXXXXXXXXXXXXXXX | *************************************** |
| 'API Gravity/BTU Content | | | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX |
| 1 / / / / | Address: 21 | | XXXXXXXXXXXXXXXXXX |
| Title: Sr. Petroleum Engineer | | 000 <u>University (</u> Page _1 of _1 | |

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

| Well Name & Number FEDERAL #12-13 | |
|--|---|
| Operator SKYLINE OIL COMPANY Address Salt Lake City. Utah 8411 | Ľ |
| Contractor T. E. DEVELOPMENTS CORP Address Box 2521, Houston, TX 7700 | |
| Location NW 1/4 SW 1/4 Sec. 12 T. 16 S., R. 12 E., County Emery | |
| Water Sands | |
| Depth Volume Quality | |
| From To Flow Rate or Head Fresh or Salty | |
| 1. Drilled with mud - no water reported. | |
| 2 | |
| 3 | |
| 4 | |
| 5(Continue of reverse side if necessary) | |
| | |
| Navajo 1818' Wingate 2333' Remarks Navajo 1818' Wingate 2333' AUG 2 5 1983 DIV. OF OIL, GAS & MINING | |
| NOTE: (a) Report on this sorm as provided for in Pula C-20 General Pulas | |

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
 - (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

SKYLINE Oil Company

A TEXAS EASTERN COMPANY

August 24, 1983

AUG 25 1981

State of Utah Department of Natural Resources Division of Oil, Gas and Mining 4241 State Office Building Salt Lake City, Utah 84111

DIVISION OF OIL, GAS & MINUS

Re Well Completion Report and Logs for Skyline Oil Company Well Federal #12-13, Sec. 12, T. 16 S., R. 12 E., Emery County, Utah

Gentlemen:

Please find enclosed the well completion report and copies of the Compensated Neutron-Formation Density Log, the Dual Induction-SFL Log, and copies of Report of Water Encountered in Drilling. If there is any other information that I can help with, please let me know.

Sincerely yours,

Clifford E. Selin Senior Engineer

Enclosures

48.3

Vented

2 sets of logs as shown above 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

38.6

TITLE Senior Engineer

0.2

TEST WITNESSED BY

Garth Freeman

DATE 8-23-83

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and lenses to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, purticularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 21, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

from 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Ifem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: 'Sacks Coment': Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for Items 22 and 24 above.)

| FORMATION | TOP | BOTTOM | TS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING PEN, PLOWING AND SHUT-IN PRESSURES, AND RECOVERIES DESCRIPTION, CONTENTS, ETC. | | T | or . |
|-----------|-------|--------|--|----------|-------------|-----------------|
| | | | | NAME | MEAS. DEPTH | TRUE VERT. DEPT |
| Navajo | 1818' | 2333' | | Curtis | 1040' | |
| Vingate | 2333' | 2707' | | Entrada | 1169' | |
| Moenkopi | 2952' | | | Carmel | 1567' | |
| ioemeop 2 | | | | Navajo | 1818' | |
| | | | | Wingate | 2333' | |
| | | · | | Chinle | 2707' | |
| | | | | Moenkopi | 2952' | |
| | | | | Sinbad | 3589' | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | - | | 3 | | | |

| UNI) STATES SUBMIT (Other in DEPARTMEN) THE INTERIOR verse side | IN TRIPL' Budget Bureau No. 42-R1424. LEASE DESIGNATION AND SERIAL NO. |
|--|---|
| DEPARTMENT THE INTERIOR VETSE BIDS. GEOLOGICAL SURVEY | U-43778 |
| | S IS INDIAN. ALLOTTEE OR TRIBE NAME |
| SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different use "APPLICATION FOR PERMIT—" for such proposals.) | nt reservoir. |
| OIL GAS OTHER | 7. UNIT AGREEMENT NAME |
| NAME OF OPERATOR SKYLINE OIL COMPANY | S FARM OR LEASE NAME |
| ADDRESS OF OPERATOR | 9. WELK NO. 1.2 |
| 000 University Club Building, S.L.C., Utah 84 | 4111 |
| LOCATION OF WELL (Report location clearly and in accordance with any State requirement See also space 17 below.) | |
| 662½'FWL 1978' FSL (NW SW) Sec. 12, R. 12 E. | T. 16 S., Grassy Trail 11. SEC., T., R. M., OR BLE. AND SURVEY OR AREA Sec. 12, T. 16 S., R. 12 |
| 4. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) | 12. COUNTY OR PARISE 18. STATE |
| API 43-015-30142 GL 5277' | Emery Utah |
| check Appropriate Box To Indicate Nature of Noti | tice, Report, or Other Data |
| NOTICE OF INTENTION TO: | SUBSEQUENT REPORT OF: |
| | BHUT-OFF REPAIRING WELL |
| | RE TREATMENT X ALTERING CASING |
| 74847444 | NG OB ACIDIZING ABANDONMENT |
| BEPAIR WELL CHANGE PLANS (Other) | orn: Report results of multiple completion on Well |
| (Other) Cor | mpletion or Recompletion Report and Log form. |
| DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and g proposed work. If well is directionally drilled, give subsurface locations and measu nent to this work.) * | itee and true volume as an |
| Skyline Oil Company is planning to work | kover Federal #12-13 on or |
| about December 15, 1983. We are planning to | o set a tubing packer at 3725' |
| and squeeze the remainder of the hole with 4 | |
| | parafin and drill cuttings. |
| 50 gallons of Paraffin Inhibitor to remove p | · · · · · · · · · · · · · · · · · · · |
| Present production is approximately 25 barre | · · · · · · · · · · · · · · · · · · · |
| ▼ | · · · · · · · · · · · · · · · · · · · |
| Present production is approximately 25 barre | · · · · · · · · · · · · · · · · · · · |
| Present production is approximately 25 barre | · · · · · · · · · · · · · · · · · · · |
| Present production is approximately 25 barre | · · · · · · · · · · · · · · · · · · · |
| Present production is approximately 25 barre | · · · · · · · · · · · · · · · · · · · |
| Present production is approximately 25 barre | · · · · · · · · · · · · · · · · · · · |
| Present production is approximately 25 barre | · · · · · · · · · · · · · · · · · · · |
| Present production is approximately 25 barre | els/day. BLM at Price will be |
| Present production is approximately 25 barre | DIVISION OF |
| Present production is approximately 25 barre | · · · · · · · · · · · · · · · · · · · |

TITLE _

Clifford Selin
(This space for Federal or State office use)

APPROVED BY _______CONDITIONS OF APPROVAL, IF ANY:

Senior Engineer

DATE 12-13-83

DATE .

| Form 3160-5 (November 1983) UNITED STATES | SUBMIT IN TRIPLICATES (Other instructions : Pe- | Budget Bureau No. Expires August 31 | . 1985 |
|---|---|---|------------------|
| (Formerly 9-331) DEPARTMEN OF THE INTERIOR BUREAU OF LAND MANAGEMENT | verse side) | 6. LEASE DESIGNATION AND U-43778 | POL |
| SUNDRY NOTICES AND REPORTS ON | WELLS | 6. IF INDIAN, ALLOTTER OF | |
| (Do not use this form for proposals to drill or to deepen or plug back to Une "APPLICATION FOR PERMIT—" for such proposal | a different reservoir. | 030216 |) |
| OIL CAS OTRES | | 7. UNIT AGREEMENT NAME | |
| 2. NAME OF OPERATOR | | S. FARM OR LEASE HAME | |
| Texas Eastern Skyline Oil Company | | Federal | |
| 1775 Sherman Street, Suite 1200, Denver CO | 80203 | 9. Wall so. 12-13 | |
| LOCATION OF WELL (Report location clearly and in accordance with any State See also space 17 below.) At surface | requirements.* | 10. FIELD AND POOL, OR W. Grassy Trail (| |
| 1978' FSL & 662' FWL (NW SW) Sec. 12, T16S, | R12E | 11. SEC. T. B. M. OR BLE. SURVEY OR AREA SEC. 12, T16S, | |
| 14. PERMIT NO. API #43-015-30142 15. BLEVATIONS (Show whether DF, BT, GE GL - 5277) | ı, etc.) | SLB &M 12. COURTY OR PARISH 15 Emery | 8. STATE Utah |
| 16. Check Appropriate Box To Indicate Nature | of Notice, Report, or O | ther Data | |
| NOTICE OF INTENTION TO: | #UBSEQUI | BNT REPORT OF: | |
| TEST WATER SHUT-OFF PCLL OR ALTER CASING | WATER SHUT-OFF | REPAIRING WELI | |
| PRACTURE TREAT MULTIPLE COMPLETE | PRACTURE TREATMENT | ALTBLING CABIN | • |
| SHOOT OR ACIDIZE ABANDON® | BHOOTING OR ACIDIZING | ADANDONMENT* | |
| REPAIR WELL CHANGE PLANS (O(ber) | (Other) Notice of Sal | of multiple completion on tion Report and Log form.) | |
| 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertibent deta proposed work. If well is directionally drilled, give subsurface locations a nent to this work.)* Texas Eastern Skyline Oil Company on January | | | |
| property to Samedan Oil Corporation. Effective | re upon receipt by | the BLM of the | |
| necessary paperwork, Samedan will assume all | rights and obligati | ons as Operator. | |
| Samedan's address is: | • | | |
| Samedan Oil Corpora 1616 Glenarm Place, Denver, Colorado 8 | Suite 2550 | | |
| Attn: Gary Br | une | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 18. I hereby certify that the foregoing is true and correct | · | | |
| BIGNED ZIIUlail a Chillian TITLE Mar | nager | DATE 2-2-87 | |
| Michael D. Anderson (This space for Federal or State office use) | | | |
| / share to t teneral of Diffic Since fine! | | | |

*See Instructions on Reverse Side

DATE __

TITLE ..

| Form 3160-5 (November 1983) (Formerly 9-331) DEPART BURE | UN: D STATES MENT OF THE INTERIAL OF LAND MANAGEMENT | SUBMIT IN TRIPLI ABOUT OR verse side) | Budget Bureau N Expires August 3 5. LEASE DESIGNATION A 71-043778 | ND SERIAL NO. |
|--|--|---|--|-------------------|
| SUNDRY NO (Do not use this form for prop Use "APPLIC | TICES AND REPORTS Conais to drill or to deepen or plug becation for PERMIT-" for such property of the such propert | ON WELLS ack to a different reservoir. roposals.) | N/A | |
| 1. | | | 7. UNIT AGREEMENT NAM | i s . |
| OIL X GAS OTHER | | | 8. FARM OR LEADE NAME | |
| 2. NAME OF OPERATOR | | | GRASSY TRAIL | |
| SAMEDAN OIL CORPORATI | ON | | 9. WELL NO. | |
| 3. ADDRESS OF OPERATOR | ump 2550 DENVER CO | 80202 | #12-13 | |
| 1616 GLENARM PLACE, S | clearly and in accordance with any | State requirements.* | 10. FIELD AND POOL, OR | |
| See also space 17 below.) At surface | · | | Grassy Trail | |
| | NESW Section | 12 | SURVEY OR ARMA | |
| 1978' FSL; 662; FWL | ME2M. Section 1 | 12 | 1 2 -16S-12E | SLB4M |
| 14. PERMIT NO. | 15. ELEVATIONS (Show whether DE | r, RT, GR, etc.) | 12. COUNTY OR PARISH | |
| | 5277 | | EMERY | UT |
| 4301530142 | | Alexander Report or | Other Data | |
| 16. Check A | Appropriate Box To Indicate N | Adinis of Idolics' vebout or | EQUENT REPORT OF: | |
| NOTICE OF INT | ENTION TO: | 1 | | |
| TEST WATER SHUT-OFF | PULL OR ALTER CASING | WATER SHUT-OFF | REPAIRING W | 1 1 . |
| FRACTURE TREAT | MULTIPLE COMPLETE | FRACTURE TREATMENT | - ADAMDONMES | 11 |
| SHOOT OR ACIDIZE | ABANDON* | SHOOTING OR ACIDIZING (Other) NOTICE OF | SALE | X |
| REPAIR WELL | CHANGE PLANS | Allene Depost vest | its of multiple completion impletion Report and Log for | on Well |
| (Other) | Clearly state all perting | nt details, and give pertinent da | tes, including estimated dat | e of starting any |
| (Other) 17. DESCRIBE PROPOSED OR COMPLETED proposed work. If well is directly that work is the work of the work o | ctionally drilled, give subsurface loc | ations and measured and true ver | tical depths for all marker | Man dones beres |
| nent to this work.) * | | • | | |
| | | | | |
| | 1 | • | | |
| property to See Effective upon | l Corporation on May ley Oil Company. The receipt by the BLM of rights and obligatio | sale is retroactive the necessary paper | to April 1, 198 | 8. |
| • , | Seele | y Oil Company | | |
| | | Highland Dr. | | |
| | Suite | | | |
| | Salt | Lake City, UT 84106 | 5 | |
| | Attn: | K. Seeley, Jr. | | • |
| | | | | |
| • | | | | |
| | | | • | |
| | | | | |
| • | | | | |
| | | | | |
| | | | | |
| | ng is true and correct | | | |
| 18. I hereby certify that the foregol | 11 | iv. Prod. Superinten | dent DATE 5-20 | -88 |
| BIGNED Tan | TITLE D | | | |
| (This space for Federal or State | office use) | | | • |

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

| | R | E | CE | V | ΈĐ | | | I |
|---------|---|---|----|---|----|---|-----|---|
| 0./ | B | - | E | D | OF | F | IC. | E |

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

| Julic 1990) | | LAND MANAGEMENT | MOAS FIELD OFFICE | 5. Lease Designation and Serial No. |
|---|---|--|---|---|
| | SUNDRY NOTICES | AND REPORTS ON WE | ELLASAN IAN IA P 2: 2 | U-43778 (5. If Indian, Allottee or Tribe Name |
| Do not use this | s form for proposals to dr | ill or to deepen or reentry R PERMIT—" for such pro | to a different reservoir. | N/A |
| | SUBMIT | IN TRIPLICATE | REAU OF LAND MG? | 7. If Unit or CA, Agreement Designation N/A |
| 1. Type of Well Oil Well Well | 8. Well Name and No. | | | |
| 2. Name of Operator | Federal #12-13 | | | |
| • | Oil Company | | | 9. API Well No. |
| 3. Address and Telepho | | | | 43-015-30142 |
| P. 0. I | Box 9015, Salt Lake | City, Utah 84109 | | 10. Field and Pool, or Exploratory Area |
| 4. Location of Well (Fe | otage, Sec., T., R., M., or Survey D | escription) | | Grassy Trail Field |
| | | | | 11. County or Parish, State |
| 1978' from south line 662' from west line | | | | Emery County, Utah |
| 12. CHEC | K APPROPRIATE BOX | s) TO INDICATE NATUR | RE OF NOTICE, REPOF | RT, OR OTHER DATA |
| . TYPE | OF SUBMISSION | | TYPE OF ACTION | |
| Noti | ce of Intent | Abandonmen | | Change of Plans |
| | | Recompletion | | New Construction |
| XXX Sub | sequent Report | Plugging Ba | | Non-Routine Fracturing Water Shut-Off |
| | | Casing Repa | | Conversion to Injection |
| ☐ Fina | d Abandonment Notice | Altering Cas | nange of Operator | Dispose Water |
| | | Uner | | (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) |
| 12 Describe Proposed o | - Completed Operations (Clearly state a | Il nectioent details, and give pertinent da | tes, including estimated date of starting | any proposed work. If well is directionally drilled, |
| give subsurface | locations and measured and true verti | cal depths for all markers and zones pe | rtinent to this work.)* | |
| anamatian | o from Spalay Nil C | Wasatch Resources & ompany for the above hip <u>16 South</u> , | e reterenced well. | located ill the |
| | | , Inc. has an addres | ss of 95 Fast 400 N | orth. Manti. |
| Utah, 846 | esources & Minerals 42, phone number (4 t No. <u>//62</u> . | 35) 835-4246. Bond | is covered under C | ertificate |
| Of Deposi | 1/62 | | | |
| | | | RE | CEIVED |
| | | | j | AN 24 2000 |
| | • | | · | |

DIVISION OF OIL, GAS AND MINING

| 14. I hereby certify that the foregoing is true and forrect Signed | B. K. Seeley, Jr. Tide President | Date 12/24/99 |
|--|----------------------------------|---------------|
| (This space for Pederal or State office use) | | D |
| Approved by | Title | Date |

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

| Form | 3160-5 |
|-------|--------|
| /June | 1990) |

UNITED STATES

| : E | J | 1 |
|---------|-------|---|
| | FFICE | |

FORM APPROVED

| June 1990) | DEPARTMENT OF 1 | THE INTERIOR | Budget Bureau No. 1004-0135 Expires: March 31, 1993 |
|--|---|---|---|
| | BUREAU OF LAND I | | 5. Lease Designation and Serial No. |
| | SUNDRY NOTICES AND F | reports on Wells 18 🏳 2: | : 20 11-43778 6. If Indian, Allottee or Tribe Name |
| Do not use this f | rvoir. REGE N/A | | |
| | SUBMIT IN TR | IPLICATE | 7. If Unit or CA, Agreement Designation N/A |
| 1. Type of Well | | | 8. Well Name and No. |
| Oil Gas Well Well 2. Name of Operator | Other · | | Federal #12-13 |
| | ources & Minerals, Inc. | | 9. API Well No. |
| 3. Address and Telephone | No. | | 43-015-30142 |
| 95 East 400 | North, Manti, Utah 846 | 42 | 10. Field and Pool, or Exploratory Area Grassy Trail Field |
| 4. Location of Well (Poota | ge, Sec., T., R., M., or Survey Description) | 11 6 m 12 = 11 6 2 12 F | 11. County or Parish, State |
| 19781 | from south line 662' fr | N Sec.12. T. 165 Z12E | |
| | | | Emery County, Utah |
| 12. CHECK | APPROPRIATE BOX(s) TO I | NDICATE NATURE OF NOTICE, R | EPORT, OR OTHER DATA |
| TYPE OF | SUBMISSION | TYPE OF AC | TION |
| Notice o | of Intent | Abandonment | Change of Plans |
| | | Recompletion | New Construction |
| XXX Subsequ | ent Report | Plugging Back Casing Repair | Non-Routine Fracturing Water Shut-Off |
| Final A | bandonment Notice | Altering Carles | Conversion to Injection |
| | | Other Change of Operat | Or Dispose Water (Note: Report results of multiple completion on Well |
| | | | Completion or Recompletion Report and Log form.) |
| 13. Describe Proposed or Co give subsurface loc | impleted Operations (Clearly state all pertinent of ations and aneasured and true vertical depths f | details, and give pertinent dates, including estimated date of for all markers and zones pertinent to this work.)* | a manage any proposes work. It was in uncomming states |
| operations | from Seeley Oil Company | h Resources & Minerals, Inc. for the above referenced we 16 South , Range 12 East | ell, located in the |
| NM2M OI 3 | ection <u>12</u> , township | ro Journ , Kunge 12 Lust | , Eller y councy, count |
| Utah, 84642 | ources & Minerals, Inc., phone number (435) 83 No//62 | has an address of 95 East 4 5-4246. Bond is covered und | 00 North, Manti, Her Certificate |
| Se Pro | P. M. | | |
| | | · | |
| F | E3 2 2 100 0 | | |
| | DIVISION OF BAS AND MINING | | |
| J, \ | | | |
| | | | |
| 1/2 | foregoing is true and correct | Stephen Lund | 12/24 /99 |
| Signed (This space for Federal | or Mate office use) | TWO President Assistant Field Mana | Date 190777 |
| | Illian to | Division of Resource | |
| Approved byConditions of approval | if any: | | |
| | • | COMPLETONS OF | APPROVAL ATTACHED |

Wastach Resources and Minerals, Inc. Well No. Federal 12-13 NWSW Sec. 12, T. 16 S., R. 12 E. Lease UTU43778 Emery County, Utah

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Wasatch Resources and Minerals, Inc. is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT1162 (Principal - Wasatch Resources and Minerals, Inc.) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable <u>until</u> the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

Division of Oil, Gas and Mining

| • | | | | | |
|------|------|----|------|-----|--------|
| OPER | ATOR | CH | ANGE | WOR | KSHEET |

| ROUTING: | |
|----------|--------|
| 1- | 4-KAS |
| 2-CDWL | 9890 V |
| 3-JLT | 6-FILE |

| Check e | ach listed item wh | en completed. Write | N/A if item is not applicable | ? . | | | | 3-JLT | | 6-FILE |
|--------------|------------------------------|---------------------|---|--------------------|-----------|-------------|--------------------------|-------------|--------------|-------------------|
| X Cha | inge of Operat | tor (Well Sold) | ☐ Designat | ion of Ag | gent | | | | | |
| □ Ор | erator Name (| Change Only | ☐ Merger | | | | | | | |
| | | | | | | | | | | |
| The op | perator of the | well(s) listed belo | ow has changed, effe | ctive: | 11-1-9 | 9 | | | <u> </u> | |
| TO:(N | lew Operator) | WASATCH DES | OURCES & MINERAL | SINC I | ROM· | O1d O 1 | erator) <u>S</u> | FELEV OU | I CON | MPANV |
| 10.(1 | Address: | 95 EAST 400 N | | <u> </u> | Addres | ` - | P. O. BOX | | <u> </u> | 711 711 1 |
| | Addicss. | | E/STEVE LUND | | radica | 33. | B. K. SE | | | |
| | | MANTI, UT 840 | | | | | SALT LAK | | IT 841 | 09 |
| | | Phone: 1-(435)- | | | | | Phone: 1-(| | | |
| | | Account No. | | | | | Account 1 | | 2880 | |
| | | Account No | N6933 | | | | Account | NON | <u> </u> | |
| WELI | L(S): | CA No | | | or | | | | Unit | |
| | FEDERAL 1 | | API: 43-015-15604 | Entity: | | _S_1_ | _T <u>_16SR_1</u> 2 | | | |
| _ | FEDERAL 2 | | API: <u>43-015-15607</u> | Entity: | | _S <u>1</u> | T 16S R 12 | | | |
| _ | FEDERAL 4-32 | | API: 43-015-30121 | Entity: | | _S_4 | T 16S R 12 | | | |
| _ | FEDERAL 11-4 | | API: 43-015-30172 | Entity: | | S 11 | T 16S R 12 | | | |
| _ | FEDERAL 11-7 FEDERAL 11-4 | | API: <u>43-015-30097</u> API: <u>43-015-30118</u> | Entity: Entity: | | | T 16S R 12 T 16S R 12 | | | |
| | FEDERAL 11- | | API: 43-015-30120 | Entity: | | | T 16S R 12 | | | |
| | FEDERAL 11- | | API: 43-015-30149 | Entity: | | | T 16S R 12 | | | |
| _ | FEDERAL 12- | | API: 43-015-30142 | Entity: | | | T 16S R 1 | | | |
| _ | FEDERAL 14- | | API: 43-015-30138 | Entity: | | | T 16S R 12 | | | |
| OPER | RATOR CHA | NGE DOCUM | ENTATION | | **** | ····· | | | | |
| | | | | | | | | | | |
| <u>YES</u> | 1. A per | nding operator ch | ange file has been set | up. | | | | | | |
| YES | 2. (R649 | 9-8-10) Sundry or | other legal documenta | tion has b | een recei | ived from | m the FOR | MER oper | ator (| on <u>1-24-00</u> |
| YES | 3. (R649 | 9-8-10) Sundry or | other legal documenta | tion has b | een rece | ived from | m the NEW | operator o | on <u>2-</u> | 22-00 |
| <u>YES</u> | if the Yes/ N | new operator abov | peen looked up in the I ve is not currently open pany file number is _2 | rating any | wells in | Utah. | s the operat | or register | ed wi | th the State? |
| <u>N/A</u> | | | ase Wells. The BLM ed above involving Fed | | | | | name chan | ge or | operator |
| <u>N/A</u> | | | nits. The BLM or the erations on | | | | cessor of un | it operator | for al | ll wells listed |
| <u>N/A</u> | | | ommunitization Agreed above involved in the | | | | | A has appro | oved 1 | the operator |

| N/A | 8. | Underground Injection Control ("UIC") Program. The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed above. |
|------------|-------------|--|
| YES | 9. | Changes have been entered in the Oil and Gas Information System for each well listed on 6-6-00. |
| _YES | _ 10. | Changes have been included on the Monthly Operator Change letter on |
| STAT | те во | ND VERIFICATION |
| _ N/A | <u> </u> | State Well(s) covered by Bond No |
| FEE ' | WELI | LS - BOND VERIFICATION / LEASE INTEREST OWNER NOTIFICATION |
| N/A | _ 1. | (R649-3-1) The NEW operator of any fee lease well(s) listed above has furnished a proper bond. |
| N/A | <u> </u> | A copy of this form has been placed in the new and former operator's bond files on |
| N/A | <u>.</u> 3. | The FORMER operator has requested a release of liability from their bond as of todays date? If yes, Division response was made to this request by letter dated (see bond file). |
| <u>N/A</u> | <u>.</u> 4. | (R649-2-10) The Former operator of any Fee lease wells listed above has been contacted and informed by letter dated, of their responsibility to notify all interest owners of this change. |
| N/A | 5. | Bond information added to RBDMS on |
| N/A | 6. | Fee wells attached to bond in RBDMS on |
| FILM | IING | |
| | 1. | All attachments to this form have been microfilmed on |
| FILI | V G | |
| | 1. | Originals/Copies of all attachments pertaining to each individual well have been filed in each well file. |
| | 2. | The original of this form has been filed in the operator file and a copy in the old operator file. |
| COM | MEN' | TS |
| | | |
| | | |
| | | |
| | | |

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Form 3160-5 (June 1990)

UPLIED STATES DEPARTMENT OF THE INTERIOR DUBEAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No. **BUREAU OF LAND MANAGEMENT** U-43778 SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. N/A Use "APPLICATION FOR PERMIT—" for such proposals 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE N/A 1. Type of Well 8. Well Name and No. Oil Well Federal #12-13 2. Name of Operator 9. API Well No. Seeley Oil Company 43-015-30142 3. Address and Telephone No. 10. Field and Pool, or Exploratory Area P. O. Box 9015, Salt Lake City, Utah 84109 Grassy Trail Field 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State 1978' from south line 662' from west line Emery County, Utah CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF ACTION TYPE OF SUBMISSION Change of Plans Ahandonment Notice of Intent **New Construction** Recompletion Non-Routine Fracturing XXX Subsequent Report Plugging Back Water Shut-Off Casing Repair Conversion to Injection Final Abandonment Notice Change of Operator Dispose Water (Note: Report results of mul Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective October 1, 2000, B. K. Seeley, Jr., doing business as Seeley Oil Company is being assigned operations from Wasatch Resources & Minerals, Inc. for the above referenced well, located in the NWSW of Section 12 Township 16 SouthRange 12 East, Emery County, Utah.

B. K. Seeley, Jr. has an address of P. O. Box 9015, Salt Lake City, Utah 84109, phone number (801) 467-6419. Federal Bond is BLM Bond #0692.

14. I hereby certify that the foregoing is true and correct

Signed 13. (See Dealer). Title Plane 10/16/00

(This space for Federal or State office use)

Approved by 12. (Light 13/2000 Conditions of approval, if any:

Date 11/13/2000 CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Seeley Oil Company Well No. 12-13 NWSW Sec. 12, T. 16 S., R. 12 E. Lease UTU43778 Emery County, Utah

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Seeley Oil Company is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT0692 (Principal -Seeley Oil Company) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable <u>until</u> the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

RECEIVED

NOV 1 7 2000

DIVISION OF OIL, GAS AND MINING

WASATCH RESOURCES & MINERALS INC.

Steven Lund 95 East 100 North Manti, UT 84642 E: sjlund@sisna.com Off: (435) 835-4246 Res. (435) 835-4246 Fax: (435) 835-6342 Mob. (435) 650-0270

January 10, 2001

Mr. Jim Thompson

Utah State Division of Oil Gas & Mining 1594 West North Temple, Suite 1210 Salt Lake City, Utah 84114-5801

RE: Conveyance of Grassy Trails interest back to B.K. Seeley

Dear Mr. Thompson:

Wasatch Resources & Minerals is conveying the wells, leases and Right of Ways listed on the attachment back to Mr. B.K. Seeley pursuant to the Assignment dated December 24, 1999. Please approve the Assignment at your earliest convenience.

Sincerely:

Steve Luna

Enclosure: (1)

CC:

J. Craig Smith

Mark S. Dolar, Dolar Energy L.L.C.

Set to the second of the second

RECEIVED

JAN 13 2001

DIVISION OF OIL, GAS AND MINING

GRASSY TRAIL FIELD WELLS AND NET REVEUNE INTERESTS

| WELL NAME | W.I. | MMS OR STATE ROY | ORRI | ORRI TO SEELEY | N.R.I | LEASE NUMBER | LOCATION |
|--------------|---------|------------------------|---|--|-------------|------------------|--------------------|
| (17.1172 | | | | OLCELI | 14.14.1 | HOMOLIN | 200711011 |
| Fed # 1 | 100.00% | _ | | | .)% | U-41364 | NENW-1-T16S,R12E |
| Fed # 2 | 100.00% | | | , | | U-41364 | NESW-1-T16S,R12E |
| #36-13 | 100.00% | | | | % | ML-29607 | NWSW-36 -T15S-R12E |
| #36-2 | 100.00% | | | | 6 | ML-30685 | SENW-36-T15S,R12E |
| #2-43X | 100.00% | | | |) | ML-34005 | NESE-2-T16S,R12E |
| #2-23X DI | 100.00% | | | | ا% د | ML-34005 | NESW-2-16S,R12E |
| #1-14 | 100.00% | | | | | U-41364 | SWSW-1-T16S,R12E |
| #12-13 | 100.00% | | | | % | U-43778 | NWSW-2-T16S,R12E |
| #12-32 | 100.00% | | | | , | U-41365 | SWNE-12-T16S,R12E |
| #14-11 | 100.00% | | | | % | | NWNW-14-T16S,R12E |
| #11-41 | 100.00% | | | | ; | U-43778 | NENE-11-T16S,R12E |
| #11-42 | 100.00% | | | | s | U-43778 | SENE-11-T16S-R12E |
| #11-43 | 100.00% | | , | | % | U-43778 | NESE-11-T16S,R12E |
| #11-33 | 100.00% | | | • | 1% | U-43778 | NWSE-11-T16S-R12E |
| #11-13 | 100.00% | | | | هٔ | | NWSW-11-T16S,R12E |
| #11-23 | 100.00% | | • • • • • • • • • • • • • • • • • • • | ************************************* | | | NESW-11-T16S,R12E |
| #11-11 | 100.00% | | *. *. *. *. * * * * | • | | | NWNW-11-T16S,R12E |
| # 4-32 | | | * | ************************************* | | است سیست میں است | 1 SW/NE 4-168-12E |

Grassy Trail Field Right of Ways

ROW nu 18-16-007 Effective 08/01/83

Grantor: State of Utah #600 Grantee: Skyline Oil Co.

ROW nu 18-16-013
Effective 09/21/83
Grantor: USA U-51315
Grantee: Skyline Oil Co.

ROW nu 18-16-029 Effective 12/07/83

Grantor: Denver & Rio Grande Western RR

Grantee: Skyline Oil Co.

ROW nu 18-16-030 Effective 02/04/85

Grantor: State of Utah #2806

Grantee: Skyline Oil Co.

OPERATOR CHANGE WORKSHEET

ROUTING

| ROCTATO | | | | | | |
|---------|---------------|--|--|--|--|--|
| 1. GLH | 4-KAS | | | | | |
| 2. CDW | 5- 97P | | | | | |
| 3. JLT | 6-FILE | | | | | |

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

| The operator of the well(s) listed below has changed, effective | 10-1-2000 | | |
|---|--|--|--|
| FROM: (Old Operator): | TO: (New Operator): | | |
| WASATCH RESOURCES & MINERALS INC Address: 95 EAST 100 NORTH | SEELEY OIL COMPANY Address: P. O. BOX 9015 | | |
| MANTI, UT 84642 | SALT LAKE CITY, UT 84109 | | |
| Phone: 1-(435)-835-4246 Account N6955 | Phone: 1-(801)-467-6419 Account N2880 | | |
| CAN | TI | | |

CA No.

Unit:

| WELL(S) | API | ENTITY | SEC. TWN | LEASE | WELL | WELL |
|---------------|--------------|--------|------------|----------|----------|--------|
| NAME | NO. | NO. | RNG | TYPE | TYPE | STATUS |
| FEDERAL 1 | 43-015-15604 | 635 | 01-16S-12E | FEDERAL | OW | S |
| FEDERAL 1-14 | 43-015-30180 | 9575 | 01-16S-12E | FEDERAL | OW | S |
| FEDERAL 2 | 43-015-15607 | 635 | 01-16S-12E | FEDERAL | OW | S |
| FEDERAL 4-32 | 43-015-30121 | 6460 | 04-16S-12E | FEDERAL | OW | S |
| FEDERAL 11-11 | 43-015-30149 | 6490 | 11-16S-12E | FEDERAL | OW | S |
| FEDERAL 11-13 | 43-015-30120 | 6455 | 11-16S-12E | FEDERAL | OW | S |
| FEDERAL 11-23 | 43-015-30170 | 6500 | 11-16S-12E | FEDERAL | OW | S |
| FEDERAL 11-33 | 43-015-30097 | 6435 | 11-16S-12E | FEDERAL | OW | S |
| FEDERAL 11-41 | 43-015-30118 | 6450 | 11-16S-12E | FEDERAL | OW | S |
| FEDERAL 11-42 | 43-015-30167 | 6495 | 11-16S-12E | FEDERAL | OW | S |
| FEDERAL 11-43 | 43-015-30172 | 6431 | 11-16S-12E | FEDERAL | OW | S |
| FEDERAL 12-13 | 43-015-30142 | 6485 | 12-16S-12E | FEDERAL | OW | S |
| FEDERAL 12-32 | 43-015-30184 | 9576 | 12-16S-12E | FEDERAL | OW | S |
| FEDERAL 14-11 | 43-015-30138 | 6475 | 14-16S-12E | FEDERAL | OW | S |
| | | | | | <u> </u> | |
| | | | | | ↓ | |
| | | | | _ | <u> </u> | |
| | | | | <u> </u> | | |
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| | | | | | 1 | |

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on:

01/16/2001

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on:

11/17/2000

3. The new company has been checked through the Department of Commerce, Division of Corporations Database on:

01/30/2001

| 4. | Is the new operator registered in the State of Utah: | YES | Business Num oo r: | 14594 |
|------------|--|---------------------|-------------------------------|---|
| 5. | If NO, the operator was contacted contacted on: | | _ | |
| 6. | Federal and Indian Lease Wells: The BLM and or operator change for all wells listed on Federal or least the state of the s | | • • | - |
| 7. | Federal and Indian Units: The BLM or BIA has for wells listed on: | approved the | successor of unit op | erator |
| 8. | Federal and Indian Communization Agreeme change for all wells listed involved in a CA on: | ents ("CA"): N/A | The BLM or the BI | A has approved the operator |
| 9. | Underground Injection Control ("UIC") Profor the enhanced/secondary recovery unit/project for the vices. | * | | 5, Transfer of Authority to Inject, N/A |
| D . | ATA ENTRY: Changes entered in the Oil and Gas Database on: | 01/30/2001 | _ | |
| 2. | Changes have been entered on the Monthly Operator Ch | ange Spread Sl | neet on: 01/30/200 | 01 |
| 3. | Bond information entered in RBDMS on: | N/A | _ | |
| 4. | Fee wells attached to bond in RBDMS on: | N/A | _ | |
| S 7 | TATE BOND VERIFICATION: State well(s) covered by Bond No.: | N/A | _ | |
| | EE WELLS - BOND VERIFICATION/LEASE (R649-3-1) The NEW operator of any fee well(s) listed ha | | | CATION: |
| 2. | The FORMER operator has requested a release of liability The Division sent response by letter on: | from their bond | on: <u>N/A</u> | |
| 3. | (R649-2-10) The FORMER operator of the Fee wells has lof their responsibility to notify all interest owners of this cl | | nd informed by a letter f | rom the Division |
| | ILMING: All attachments to this form have been MICROFILMED | on: <i>J-Q</i> | 1-01 | |
| | LING: ORIGINALS/COPIES of all attachments pertaining to each | ch individual we | ll have been filled in eac | h well file on: |
| C | DMMENTS: | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | All the same of th | | | |

| Form 9-221 (May 1993) | DEPARTA | UNITED STATES MENT OF THE INTER ECOLOGICAL SURVEY | allemit in TRIPLICATI (Other justractions on i | |
|--|-----------------------------------|--|---|--|
| (De not u | SUNDRY NOTI | CES AND REPORTS (als to drill or to deepen or play a TION FOR PERMIT—" for such p | | 6. 19 INDIAM, ALLOTTUS OR TRIBE NAME |
| I. | SAD OTHER | 111 01/+ 00 | s wells | 1. UNIT AGESEMBNY NAME |
| T NAME OF OPER | | HIL OIL + 90 Company, L | LC. | S. FARM OR LEASE WANT |
| P. ADDRESS OF OF | Box 901 | 5, S. L.C. U | tal 84109 | 9. WELL NO. |
| 4. LOCATION OF W See also space At surface | 17 below.) | easy and in secondance with any | state reduirements. | 10. FIELD AND POOL, OR WILDCAT |
| | | | | 11. SHC, T., E., M., OR BUE. AND SURVEY OR ARRA |
| 14. PRENIT RO. | :: | 15. BLEVATIONE (Show whether D | 7, RT, CE, etc.) | 12. COUNTY OR PARISH 18. STATE |
| 16. | _ | • | Nature of Notice, Report, or | |
| TRET WATER | NOTICE OF INTENT | THOM TO: | WATER SHUT-OFF | QUENT REPORT OF: |
| FRACTURE TRI SHOOT OR ACT REPAIR WELL (Other) | EAT A | IULTIPLE COMPLETE LEANDON® | PRACTURE TREATMENT SECOTING OR ACCIDISING (Other) | ALTBRING CASING ASANDONMENTS AS of multiple completion on Well apletion Report and Log form.) |
| this Jan 18.K To: | s is to uary 200 USceley 1 Seoler | inform your 53 we cha 1. Oba Sceley 1. Oil Com | that effect nged our n orl company pany, L.L.C. vell reason | <u> </u> |
| 18. I hereby certif SIGNED | 7 II / \ | tres and correct | Meuter | DATE 3/03/03 |
| (This space to | r Federal or State offic | • (290) | | |
| APPROVED E | OF APPROVAL, IP A | TITLE | | DATE |



Ted Boyer
Executive Director
Department of Commerce

8012789755

Kathy Berg
Director
Division of Corporations
& Commercial Code

STATE OF UTAH DEPARTMENT OF COMMERCE DIVISION OF CORPORATIONS & COMMERCIAL CODE CERTIFICATE OF REGISTRATION

DE BENNEVILLE K SEELEY, JR SEELEY OIL COMPANY LLC 3964 S SUMMERSPRING LANE SALT LAKE CITY UT 84124

Mm. .

DIV. OF OIL, GAS & MINING



State of Utah
Department of Commerce
Division of Corporations & Commercial Code

CERTIFICATE OF REGISTRATION

LLC - Domestic

This certifies that SEELEY OIL COMPANY LLC has been filed and approved on January 09, 2003 and has been issued the registration number 5260313-0160 in the office of the Division and hereby issues this Certification thereof.

KATHY BERG

Division Director

RECEIVED

MAR 0 3 2003

DIV. OF OIL GAS & MINING

| well_name | section | township | range | api | entity | lease_type | status | well_type |
|------------------------|--------------|----------|---------|--------------|--------|------------|--------|-----------|
| STATE 36-13 | 36 | 15S | 12E | 43-007-30084 | 6430 | STATE | S | OW |
| GRASSY TRAIL 36-2 | 36 | 15S | 12E | 43-007-30103 | 9577 | STATE | S | OW |
| FEDERAL 35-44 | 35 | 15S | 12E | 43-007-30108 | 99998 | FEDERAL | PA | NA |
| | | | <u></u> | | | | • | |
| FEDERAL 1 | 01 | 16S | 12E | 43-015-15604 | 635 | FEDERAL | TA | OW |
| FEDERAL 2 | 01 | 16S | 12E | 43-015-15607 | 635 | FEDERAL | TA | OW |
| FEDERAL 1-14 | 01 | 16S | 12E | 43-015-30180 | 9575 | FEDERAL | S | OW |
| STATE 2-43X | 02 | 16S | 12E | 43-015-30100 | 6440 | STATE | S | OW |
| STATE 2-23 | 02 | 16S | 12E | 43-015-30111 | 99990 | STATE | I | WD |
| FEDERAL 3-23 | 03 | 16S | 12E | 43-015-30127 | 99998 | FEDERAL | PA | D |
| FEDERAL 4-32 | 04 | 16S | 12E | 43-015-30121 | 6460 | FEDERAL | S | OW |
| FEDERAL 11-33 | 11 | 16S | 12E | 43-015-30097 | 6435 | FEDERAL | Р | OW |
| FEDERAL 11-41 | 11 | 16S | 12E | 43-015-30118 | 6450 | FEDERAL | S | OW |
| FEDERAL 11-13 | 11 | 16S | 12E | 43-015-30120 | 6455 | FEDERAL | S | OW |
| FEDERAL 11-11 | 11 | 16S | 12E | 43-015-30149 | 6490 | FEDERAL | S | OW |
| FEDERAL 11-42 | 11 | 16S | 12E | 43-015-30167 | 6495 | FEDERAL | Р | OW |
| FEDERAL 11-23 | 11 | 16S | 12E | 43-015-30170 | 6500 | FEDERAL | S | OW |
| FEDERAL 11-43 | 11 | 16S | 12E | 43-015-30172 | 6431 | FEDERAL | S | OW |
| FEDERAL 12-13 | 12 | 16S | 12E | 43-015-30142 | 6485 | FEDERAL | S | OW |
| FEDERAL 12-32 | 12 | 16S | 12E | 43-015-30184 | 9576 | FEDERAL | S | OW |
| FEDERAL 14-11 | 14 | 16S | 12E | 43-015-30138 | 6475 | FEDERAL | S | OW |
| | | | | | | | | |
| FEDERAL 6-14 | 06 | 16S | 13E | 43-015-30187 | 99998 | FEDERAL | LA | OW |
| | | | | | | | | |
| BONNIE FEDERAL 11-14 | 14 | 37S | 23E | 43-037-31290 | | FEDERAL | Р | OW |
| BONNIE FEDERAL 33-14 | 14 | 37S | 23E | 43-037-31316 | | FEDERAL | PA | GW |
| BONNIE FEDERAL 43-14 | 14 | 37S | 23E | 43-037-31364 | 10757 | FEDERAL | Р | OW |
| BONNIE FEDERAL 22-14 | 14 | 37S | 23E | 43-037-31367 | 10694 | FEDERAL | Р | GW |
| | | | | | | | | |
| BLACK BULL FEDERAL 310 | 31 | 38S | 25E | 43-037-31663 | 11352 | FEDERAL | S | [GW |
| | | | | | | | , | |
| COWBOY 1 | 14 | 398 | | 43-037-30012 | | FEDERAL | S | OW |
| COWBOY 4 | 14 | 398 | 22E | 43-037-30037 | | FEDERAL | PA | OW |
| COWBOY 5 | 14 | 398 | 22E | 43-037-30062 | | FEDERAL | Р | OW |
| COWBOY 7 | 23 | 398 | 22E | 43-037-30325 | 2530 | FEDERAL | Р | OW |
| | 122 | | | | 10-00 | I | 1= | 1614 |
| RECAPTURE PCKT ST 7 | 02 | 40S | 22E | 43-037-30701 | | STATE | P | OW |
| RECAPTURE POCKET 1 | 03 | 40S | 22E | 43-037-30625 | | FEDERAL | S | OW |
| RECAPTURE POCKET 5 | 10 | 40S | 22E | 43-037-30689 | | FEDERAL | Р | OW |
| GOVT NORWOOD 1 | 15 | 40S | 22E | 43-037-15611 | 985 | FEDERAL | Р | OW |
| 1-25A KGS FEDERAL | 25 | 40S | 22E | 43-037-30906 | 10025 | FEDERAL | S | low |

OPERATOR CHANGE WORKSHEET

| ROUTING |
|---------|
| 1. GLH |
| 2. CDW |
| 3. FILE |

Change of Operator (Well Sold)

5. If NO, the operator was contacted contacted on:

Designation of Agent/Operator

X Operator Name Change

Merger

| The operator of the well(s) listed below has changed, | effective: | 1-9-03 | | | | |
|---|-----------------------|----------------|------------------|-------------|-------------|------------|
| FROM: (Old Operator): | | TO: (New Op | perator): | | | |
| SEELEY OIL COMPANY | 1 | SEELEY OIL | | LLC | | |
| Address: P O BOX 9015 | Address: P O BOX 9015 | | | | | |
| | | | | | | |
| SALT LAKE CITY, UT 84109 | 1 | SALT LAKE C | | 4109 | | <u> </u> |
| Phone: 1-(801)-467-6419 |] | Phone: 1-(801) | | | | |
| Account No. N2880 | <u> </u> | Account No. | N2355 | | | |
| CA No. | | Unit: | | | | |
| WELL(S) | | | | · | | |
| | SEC TWN | API NO | ENTITY | LEASE | WELL | |
| NAME | RNG | | NO | TYPE | TYPE | STATUS |
| FEDERAL 35-44 | 35-15S-12E | 43-007-30108 | 99998 | FEDERAL | OW | PA |
| STATE 36-13 | 36-15S-12E | 43-007-30084 | 6430 | STATE | OW | S |
| GRASSY TRAIL 36-2 | 36-15S-12E | 43-007-30103 | 9577 | STATE | OW | S |
| FEDERAL 1 | 01-16S-12E | 43-015-15604 | 635 | FEDERAL | OW | TA |
| FEDERAL 2 | 01-16S-12E | 43-015-15607 | 635 | FEDERAL | OW | TA |
| FEDERAL 1-14 | 01-16S-12E | 43-015-30180 | 9575 | FEDERAL | OW | S |
| STATE 2-43X | 02-16S-12E | 43-015-30100 | 6440 | STATE | ow | S |
| STATE 2-23 | 02-16S-12E | 43-015-30111 | 99990 | STATE | SWD | I |
| FEDERAL 3-23 | | 43-015-30127 | 99998 | FEDERAL | OW | PA |
| FEDERAL 4-32 | | 43-015-30121 | | FEDERAL | | S |
| FEDERAL 11-33 | | | 6435 | FEDERAL | OW | P |
| FEDERAL 11-41 | | 43-015-30118 | | FEDERAL | | S |
| FEDERAL 11-13 | | 43-015-30120 | | FEDERAL | | S |
| FEDERAL 11-11 | | 43-015-30149 | | FEDERAL | ow | S |
| FEDERAL 11-42 | | 43-015-30167 | | FEDERAL | | P |
| FEDERAL 11-23 | | | 6500 | FEDERAL | | S |
| FEDERAL 11-43 | | | 6431 | FEDERAL | | S |
| FEDERAL 12-13 | 4 | 43-015-30142 | | FEDERAL | | S |
| FEDERAL 12-32 | | 43-015-30184 | | FEDERAL | | S |
| FEDERAL 14-11 | | 43-015-30138 | | FEDERAL | | S |
| OPERATOR CHANGES DOCUMENTATION Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was received 2. (R649-8-10) Sundry or legal documentation was received | | | on: 03/03/200 | 03/03/2003 | - | |
| 3. The new company has been checked through the Departm | ent of Comm | erce, Division | of Corpora | tions Datab | ase on: | 03/03/2003 |
| 4. Is the new operator registered in the State of Utah: | YES | Business Numb | per: | 5260313-016 | 50 | |

| 7. Federal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 01/14/2003 |
|--|
| |
| 8. Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for wells listed on: N/A |
| 9. Federal and Indian Communization Agreements ("CA"): The BLM or BIA has approved the operator for all wells listed within a CA on: N/A |
| 10. Underground Injection Control ("UIC") The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A |
| DATA ENTRY: |
| 1. Changes entered in the Oil and Gas Database on: 03/04/2003 |
| 2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/04/2003 |
| 3. Bond information entered in RBDMS on: N/A |
| 4. Fee wells attached to bond in RBDMS on: N/A |
| STATE WELL(S) BOND VERIFICATION: 1. State well(s) covered by Bond Number: 1063820156428 |
| FEDERAL WELL(S) BOND VERIFICATION: 1. Federal well(s) covered by Bond Number: UT 0692 |
| INDIAN WELL(S) BOND VERIFICATION: |
| 1. Indian well(s) covered by Bond Number: N/A |
| FEE WELL(S) BOND VERIFICATION: |
| 1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number N/A |
| 2. The FORMER operator has requested a release of liability from their bond on: The Division sent response by letter on: N/A N/A |
| LEASE INTEREST OWNER NOTIFICATION: |
| 3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A |
| COMMENTS: |
| |
| |
| |

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STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator:

Seeley Oil Company LLC

Operator Account Number: N 2355

Address:

P. O. Box 9015

city Salt Lake City

zip 84109-0015 state UT

Phone Number: (801) 467-6419

Well 1

| API Number | vveii | Name QQ Sec | | Twp | Rng | County | |
|-------------|--------------------------|----------------------|------|-----|-------------------------------------|--------|-------|
| 4301530118 | Federal 11-41 | | NENE | 11 | 168 | 12E | Emery |
| Action Code | Current Entity Number | New Entity Number | , , | | Entity Assignment Effective Date | | |
| D | 06450 | 14041 | | | 9/1/2003 | | |

141-11-2

| API Number | Well | Well Name | | Sec | Twp | Rng | County | | | |
|-------------|--------------------------|----------------------|-------------|-----|-----------------------------------|-----------------|--------|--|--|-------|
| 4301530142 | Federal 12-13 | | NWSW 12 16S | | | NWSW 12 16S 12E | | | | Emery |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | Entity Assignme Effective Date | | | | | |
| D | 06485 √ | 14041 | | | | 9/1/2003 | | | | |

Well 3

| API Number | Well | il Name QQ | | | Twp | Rng | County | |
|----------------|---|----------------------|-----------|--|----------------------------------|-----------|----------|--|
| 4301530167 | Federal 11-42 | SENE 11 16S | | | | 12E Emery | | |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | Entity Assignment Effective Date | | | |
| D | 06495 | 14041 | | | | | 9/1/2003 | |
| Comments: #3 o | Comments: #3 of three wells going into a tank battery | | | | | | 2/10/04 | |

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

(5/2000)

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FEB 1 0 2004

DIV. OF OIL, GAS & MINING



Department of Natural Resources

Division of Oil, Gas & Mining

ROBERT L. MORGAN

Executive Director

LOWELL P. BRAXTON
Division Director

MICHABL O. LEAVIST

Governor

OLENH S. WALKER Lieutenant Gowinnar

Marle Magan Moab BLM

Fax # 435-259-2106

Attached is the information you requested. Unfortunately, what little information I had was not very detailed.

March 18, 2004

Marie Mª Gann BLM-Mab

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MAR 2 6 2004 DIV. OF OIL, GAS & MINING

Marie, I will include the information sent to me regarding the Grassy Trail

The ones I think are involved are:

| • | | • • |
|------------------------------|--------------|------------------------|
| No into - Grassy Trails 2 | 43 015 15605 | 165 125 02 State well |
| No info → Federal 1 | 43 015 15604 | 165 12E 01 VTU41564 |
| No info -> Grassy Trail 36-2 | 43 007 30103 | 155 12E 36 Stark well |
| Noinfo-State 36-13 | 43 007 30084 | 158 12E 36 State Well |
| ✓ Federal 10-33 | 43 015 30123 | 169 12B 10 UTM 202 BS |
| √ Federal 11-13 | 43 015 30120 | 16S 12E 11 UTU 43778 |
| ✓ Federal 11-41 | 43 015 30118 | 16S 12E 11 UTU43778 |
| No info -> State 2-43X | 43 015 30100 | 165 1213 02 Stark Well |
| ✓ Federal 11-33 | 43 015 30097 | 16S 12E 11 UTU 43778 |
| >√ Pederal 10-13 | 43 015 30125 | 16S 12E 10 UTU 43777 |
| √ Federal 13-11 | 43 015 30141 | 16S 12E 13 UTN43778 |
| √ Foderal 12-13 | 43 015 30142 | 165 12E 12 UTU 43778 |
| No info -Bolinder 2-2 | 43 015 30143 | 16S 12B 02 State Well |
| ✓ Federal 11-43 | 43 015 30172 | 16S 12E 11 UTU43778 |
| √Federal 11-42 | 43 015 30167 | 165 12E 11 LTU45778 |
| ✓ Federal 11-23 | 43 015 30170 | 168 12E 11 UN43778 |
| | | |

I'm also enclosing a letter from E W Guynn from the Utah Geological Survey asking for horizontal information. We do not have any of that information and I'm hoping they sent it to you. However, any information you may have showing horizontal drilling will be greatly appreciated.

If you have any questions, please don't hesitate to call.

Thanks,

Vicky Dyson Records Room Supervisor 801-538-5279

1394 Wort North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-3801 telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7223 • www.ngm.utah.gov



| (Rev. 5-63) | | UNI' |) STA | TES | SUBM | er i | N DUPLIC | | 1 | Form a | pproved. Bureau No. 42-R355.5. |
|---------------------------------|----------------------------|-------------------------------|---------------------|-------------------|---------------------------------------|-------------|---------------------------------------|--|---------------------------------------|---------------------------------------|-----------------------------------|
| ਼ | DEPAF | RTMENT | OF TH | E IN | TERIO: | R | stru | otuer in- tions on rse side) | 1: ., | | ION AND SERIAL NO. |
| | | GEOLOGIC | CAL SU | IRVE | 1 | CII | L& OA F ey RECE | | 1/13 | U-43 | 778 |
| WELL CO | OMPLETION | OR RECC | MPLET | ION | REPORT | 1A | | | 6. IF INDIA | N, ALLO | TTEE OR TRIBE NAME |
| 1a. TYPE OF WI | | II. X GAS | | DRY 🔲 | Other | | AUS Z |) - | 7. UNIT AG | REEMENT | : NAME |
| b. TYPE OF CO | MPLETION: | | | | Other | SA | LTLAKE | CITY, U | HAH | | |
| NEW X | OVER L. E | N BACK | D DIF | F. SVR. | Other | | / | | 8. FARM OF | LEASE | NAME |
| 2. NAME OF OPER | SKYLIN | E OIL COM | PANY | • | | | • | | 9. WELL N | · · · · · · · · · · · · · · · · · · · | |
| 3. ADDRESS OF OF | PERATOR | | | | | | · · · · · · · · · · · · · · · · · · · | | 0 | | ERAL #12-13 |
| 2000 Univ | versity C | lub Bldg. | , S.L. | .C., | Utah 8 | 411 | .1 | | | ND POOL | , OR WILDCAT |
| 4. LOCATION OF W | ELL (Report local) 62% FWL | tion clearly and in 1978 FSL, | accordance NW\SW | e with an 別。Se | ny State requi | reme | nte)* 6 S | | | ldca | |
| | | | | • | | | E., ŚI | M. | OR ARE | A . | N BLOCK AND SURVEY |
| At top prod. 1 | nterval reported 1 | below | • | | | | | | Sec. 12 | 2, 1 | '.16S.,R.12E. SLB&M |
| At total depth | Same a | s above. | | | · · · · · · · · · · · · · · · · · · · | | | ·, | | | |
| | | | 1 | ENIT NO. | -30142 | | 12-2-8 | 2 | 12. COUNTY PARISH | | 13. STATE |
| 15. DATE SPUDDED | 16. DATE T.D. | REACHED 17. DA | TE COMPL. | | | | | | Emery | | LEV. CASINGHEAD |
| 12-29-82 | 4-19- | 83 | 5-3-83 | | | | L-5277 | | | | |
| 20. TOTAL DEPTH, MI | | UG, BACK T.D., MD | | | TIPLE COMPL. | , | 23. INTI | RVALS | ROTABY TO | OLS | CABLE TOOLS |
| 3760' 24. PRODUCING INT | ERVAL(S). OF THE | S COMPLETION—TO | P. BOTTOM. | NAME () | MD AND TVD) | | | <u>→ </u> | Rotar | y | . WAS DIRECTIONAL |
| | enkopi | 3435 | | • | | | | | | | SURVEY MADE |
| | • | | - 3/ | 00 | | | | | | - | None |
| 26. TYPE ELECTRIC GR-DIL-SFI | | | Noute | on E | ormatio | · n | Donait | | | 27. W | S WELL CORED |
| GR-DIL-SFI 28. | -Cai, Coi | | | | ort all strings | | | . <u>y</u> | | <u> </u> | No |
| CASING SIZE | WEIGHT, LB | | ET (MD) | | LE SIZE | 3 300 | | ENTING | RECORD | ı | AMOUNT PULLED |
| 30'' | | | 60' | | 36" | 8 | vds c | f Re | dimix | | |
| 10-3/4" | | | 657' | | 14-3/4" | | | | s H + 2 | | |
| 7-5/8' | 26.4 | <u>#</u> 3: | 390 ' | | 9-7/8'' | 6. | 50 sx | RFC | cont. 6 | 2 <u>₹</u> .s | Kőlite |
| 29. | | LINER RECORI |) | 1 | | ! | 30. | T | UBING REC | ORD | |
| SIZE | TOP (MD) | BOTTOM (MD) | SACES CE | MENT* | SCREEN (M | D) | SIZE | | PEPTH SET (1 | (D) | PACKER SET (MD) |
| | | | | | | | 2-7/8 | 11 | 3752.5 | 5' | None |
| 31. PERFORATION RE | COED (Interval, s | ize and number) | | | 1 82. | Δ. | ID SHOT | FRACTI | URE, CEMEN | T SOME | FZE FTC |
| | , , | | | | DEPTH INT | | | | | | RECEIVED |
| Op | en Hole (| Completion | n | | | | | | | | |
| | | | | | | | | | | | MAR 2 6 2004 |
| | | | | | ļ | | | , , , , , , , , - | · · · · · · · · · · · · · · · · · · · | ΝI | OF OIL, GAS & MINING |
| 33.* | | | | PROI | OUCTION | | <u>_</u> | -, | | | |
| ATE FIRST PRODUCT | TION PROD | OUCTION METHOD (| | is lift, pu | imping—size | and t | ype of pum | p) | | 14.4m | (Producing or |
| 5-5-83 | HOURS TESTED | Pumpin | | | | | | | | | Producing |
| 7/2-4/83 | 72 | 3/8" | PROD'N TEST 1 | | 01L—BBL. 144. | 9 | GASмс | 5.8 | WATER—BBI | G | 800/1 |
| 12 psi | CASING PRESSU | RE CALCULATED 24-HOUR RAT | oil—B | 8.3 | GAS-3 | | | water— 0.2 | BBL. | OIL GR | AVITY-API (CORR.) |
| 34. DISPOSITION OF | GAS (Sold, used fo | r fuel, vented, etc. | Vent | | | | I_ | 1 | TEST WITNE | | man |
| 5. LIST OF ATTACH | MENTS | | A 611 F | eu | | | | | | rree | |
| O. BIINCE | | 2 sets of | logs | as sl | hown ab | ove | e | | | | |
| 6. I hereby certify | that the foregoi | ng and attached I | nformation | is compl | lete and corre | ct as | determine | d from a | ll available r | ecords | |
| signed | lifford | Selin | _ TIT | 'LE | Senior | En | ginee | r | DATE | 2 <u>8</u> - | -23-83 |
| | , , | | | | | | | | | | |

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

should be listed on this form, see item 35,

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: 'Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

| FORMATION | TOP | воттом | DESCRIPTION, CONTENTS, ETC. | | T | op |
|-----------|-------|--------|-----------------------------|----------|-------------|-----------------|
| Narra i a | 1818' | 2333' | | NAME | MEAS. DEPTH | TRUE VERT. DEPT |
| Navajo | 1010 | 2333 | | Curtis | 1040' | |
| Wingate | 2333' | 2707' | | Entrada | 1169' | |
| Moenkopi | 2952' | | | Carmel | 1567' | |
| | | | | Navajo | 1818' | |
| | | | | Wingate | 2333' | |
| | | | | Chinle | 2707' | 1 |
| | | | | Moenkopi | 2952' | |
| | | | | Sinbad | 3589' | 2 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | - | | | | | · · |

CONFIDENTIAL

SKYLINE OIL COMPANY

FEDERAL #12-13
NW SW Sec. 12, T. 16 S., R. 12 E.,
Emery County, Utah

SUMMARY OF DRAINHOLE INFORMATION

| | Drain Hole | #1 | #2 | #3 | #4 | # 5 |
|----|------------------------------|---------|--------|--------|----|------------|
| a- | Kick off point | 3435' | 3750' | 3760' | | |
| ъ- | Tool Radius | 40' | 40' | 40' | | |
| c- | Lateral Hole Diameter | 6戈'' | 6法'' | 6戈'' | | |
| d- | Lateral Hole Orientation | No Data | n 60°W | n 5° W | | |
| e- | Total Lateral Hole Length | 459' | 461' | 291' | | |

CONFIDENTIAL

| ;orm 3160-5 | UNIT | ED STATES | FORM APPROVED Budget Burean No. 1004-0135 |
|-----------------------------|--|--|--|
| June 1990) | DEPARTMENT | r of the interior | Expires: March 31, 1993 |
| | BUREAU OF L | AND MANAGEMENT | 5. Lease Designation and Serial No. |
| | | | U-43778 |
| | SUNDRY NOTICES A | 6. If Indian, Allottee or Tribe Name | |
| Do not use | this form for proposals to dril Use "APPLICATION FOR | N/A | |
| | | | 7. If Unit or CA, Agreement Designation |
| | SUBMIT | IN TRIPLICATE | N/A |
| I. Type of Well X Oil Well | Gas Other | | 8. Well Name and No. Federal 12-13 |
| 2. Name of Oper | tot | | • |
| | | N2845 | 9. API Well No. 43-015-30142 |
| 3. Address and T | | No. Marian 07442 (505) 500 2456 | 10. Field and Pool, or Exploratory Area |
| Р. | O. Box 282, Bloomfleid | , New Mexico 87413 (505) 599-3456 | Grassy Trail Field |
| | Vell (Footage, Sec., T., R., M., or Survey De | accipion) | 11. County or Parish, State |
| | R12E - Sec. 12: NWSW | | |
| 1978' | FSL 662' FWL | | Emery |
| 12. C | HECK APPROPRIATE BOX | s) TO INDICATE NATURE OF NOTICE, REPOI | RT, OR OTHER DATA |
| T | YPE OF SUBMISSION | TYPE OF ACTION | |
| | Notice of Intent | Abandonment | Change of Plans |
| _ | | Recompletion | New Construction Non-Routine Fracturing |
| Į. | Subsequent Report | Plugging Back | Water Shut-Off |
| - | _ | Casing Repair | Conversion to Injection |
| l | Final Abandonment Notice | Altering Cosing Other Change of Operator | Dispose Water |
| | | | (Hote: Report results of multiple completion on West Completion or Recompletion Report and Log form.) |
| To the Photo | and or Consisted Operations (Clearly state) | A pertinent details, and give pertinent dates, including estimated date of startis | ng any proposed work. If well is directionally drilled, |
| [3. Describe Pro | bearface locations and measured and true verti | cal dopths for all markers and zones pertinent to this work.)* | |
| Effect well a | ive April 15, 2005, Pri nd assumes operations f | Jentiles de Petroloum , LLC has acquired the ab or the same. | ove referenced |
| Bond Depos | shall be covered by Irr it. Utah Bond No. UT-1 | evocable Letter of Credit backed by 0 147. | Certificate of |
| Č | PROVED <u>7/29/0</u> Carline Russell sion of Oil, Gas and Mining | • | RECEIVED JUN 2 0 2005 |
| Earle | ene Russell, Engineering Techr | nician e e e e e e e e e e e e e e e e e e e | - LOUG |
| | | NV. (| OF OIL, GAS & MINING |

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, ficticious or franchical statements or representations as to any matter within its jurisdiction.

(This space for Pederal or State office use)

| Form 3160-: (June 1990) | DEPARTMEN | TED STATES T OF THE INTERIOR LAND MANAGEMENT | FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No. | |
|--|---|---|---|--|
| | OUNDRY NOTICES | AND REPORTS ON WELLS | U-43778 6. If Indian, Allottee or Tribe Name | |
| Do not | use this form for proposals to dr Use "APPLICATION FO | N/A | | |
| | SUBMIT | 7. If Unit or CA, Agreement Designation N/A | | |
| I. Type of Oil Wel | II Gas Other | 8. Well Name and No. Federal 12-13 9. API Well No. 43-015-30142 | | |
| 2. Name of | Seeley Oil Company | | | |
| | P. O. Box 9015, Salt La | ke City, Utah 84109 (801) 467-6419 | 10. Field and Pool, or Exploratory Area Grassy Trail Field | |
| | of Well (Footage, Sec., T., R., M., or Survey D R12E - Sec. 12: NWSW | escription) | 11. County or Parish, State | |
| 1978 | FSL 662' FWL | | Emery | |
| 12. | CHECK APPROPRIATE BOX | RT, OR OTHER DATA | | |
| | TYPE OF SUBMISSION | TYPE OF ACTION | | |
| | Notice of Intent | Absadosment Recompletion | Change of Plans New Construction | |
| | Subsequent Report | Plugging Back Casing Repair | Non-Routine Fracturing Water Shut-Off | |
| | Final Abandonment Notice | Altering Chaing Change of Operator | Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) | |
| giv Eff | ective April 15, 2005, Pr | ide Ventures LLC has acquired the above | | |
| Bon | 1 and assumes operations d shall be covered by Irr osit. Utah Bond No. UT-1 | evocable Letter of Credit backed by Co | ertificate of | |
| A | PPROVED | 5 | | |
| Division of Oil, Gas and Mining JUN 20 | | | 65 | |
| Ea | rlene Russell, Engineering Technician | | | |
| 14. I here | by certify that the foregoing is true and correct | > Tide President | 05/06/05 | |
| (This | space for Federal or State office use) | | Date | |
| Appr Cond | oved by itions of approval, if any: | Title | | |

James P. Woosley Well Nos. 2, 6, JV-5, JV-8A, JV-10, 22 Sec. 4, 5, 10, and 11, T. 21 S., R. 23 E. Lease UTU03759 Grand County, Utah

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that James P. Woosley is considered to be the operator of the above wells and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for these wells is provided by LIT1147 (Principal - James P. Woosley) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable <u>until</u> the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

RECEIVED
JUN 2 0 2005



United States Department of the Interior

RECEIVEBUREAU OF LAND MANAGEMENT
Moab Field Office
82 East Dogwood
Moab
Moab JUN 2 East Dogwood Moab, Utah 84532

3107 UTU41364 UTU41365 UTU43777 UTU43778 (UT-062)

JUN 23 2007

Pride Ventures, LLC P. O. Box 282 Bloomfield, New Mexico 87413

Change of Operator Requests Re:

Lease UTU41364

Wells No. 1, 1-14 and 2

Lease UTU41365 Well No. 12-32 Lease UTU43777 Well No. 4-32 Lease UTU43778

Wells No. 11-11, 11-13, 11-23, 11-33, 11-41,

11-42, 11-43, 12-13 and 14-11

Emery County, Utah

Gentlemen:

We have reviewed your requests for change of operator of the above referenced wells from Seeley Oil Company, LLC to Pride Ventures, LLC. Our records indicate there currently is not a valid bond on file in the name of Pride Ventures, LLC. We are, therefore, unable to approve your request.

Should Pride Ventures, LLC intend to assume operatorship of these locations, a valid bond in the name of Pride Ventures, LLC, must be submitted for approval the following address:

Bureau of Land Management Utah State Office (UT-924) Attn: Connie Seare P. O. Box 45155 Salt Lake City, Utah 84145

Seeley Oil Company will continue to be recognized as operator of these wells until this office has been notified by a potential new qualified operator of its intention to assume operatorship.

If you have any questions, please contact Marie McGann at 435-259-2135.

Sincerely,

151 A. Lynn Jackson
Acting Assistant Field Mana

Acting Assistant Field Manager Division of Resources

Enclosure:

Unapproved Sundry Notices (14p)

cc: UT-070, D. Stephens (wo/Enclosure)
State of Utah Division of Oil, Gas and Mining, E. Russell (wo/Enclosure)
Mr. B.K. Seeley, Jr. (wo/Enclosure)
Seeley Oil Company, LLC
P. O. Box 9015
Salt Lake City, Utah 84109

MMcGann:mm:6/22/05

OPERATOR CHANGE WORKSHEET

ROUTING 1. DJJ 2. CDW

3. FILE

X Change of Operator (Well Sold)

If NO, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: 6b. Inspections of LA PA state/fee well sites complete on:

Designation of Agent/Operator

Operator Name Change

Merger

| PO: (New Or N2845-Pride V PO Box Blooms Phone: 1-(505) Unit: API NO 301515604 301515607 301530180 301530121 301530097 301530118 | Ventures, LL x 282 field, NM 87 599-3456 ENTITY NO 635 635 9575 6460 | | WELL TYPE OW | WELL STATUS |
|---|---|--|--|--|
| PO Boy Blooms Phone: 1-(505) Unit: API NO 301515604 301530180 301530121 301530097 | Ventures, LL x 282 field, NM 87 599-3456 ENTITY NO 635 635 9575 6460 | LEASE TYPE Federal Federal | TYPE OW | STATUS |
| PO Bor Bloomf Phone: 1-(505) Unit: API NO 301515604 301530180 301530121 301530097 | ENTITY NO 635 9575 6460 | LEASE TYPE Federal Federal | TYPE OW | STATUS |
| Blooms Phone: 1-(505) Unit: API NO 301515604 301515607 301530180 301530121 301530097 | ENTITY NO 635 9575 6460 | LEASE TYPE Federal Federal | TYPE OW | STATUS |
| Phone: 1-(505) Unit: API NO 301515604 301515607 301530180 301530121 301530097 | ENTITY NO 635 635 9575 6460 | LEASE TYPE Federal Federal | TYPE OW | STATUS |
| Unit: 301515604 301515607 301530180 301530121 301530097 | ENTITY NO 635 635 9575 6460 | TYPE Federal Federal | TYPE OW | STATUS |
| 301515604 301515607 301530180 301530121 301530097 | NO 635 635 9575 6460 | TYPE Federal Federal | TYPE OW | STATUS |
| 301515604 301515607 301530180 301530121 301530097 | NO 635 635 9575 6460 | TYPE Federal Federal | TYPE OW | STATUS |
| 301515604 301515607 301530180 301530121 301530097 | NO 635 635 9575 6460 | TYPE Federal Federal | TYPE OW | STATUS |
| 301515607 301530180 301530121 301530097 | 635 635 9575 6460 | Federal Federal | ow | |
| 301515607 301530180 301530121 301530097 | 635 9575 6460 | Federal | | - |
| 301530180 301530121 301530097 | 9575 6460 | | | S |
| 301530121 301530097 | 6460 | ii caciai | ow | S |
| 301530097 | | Federal | ow | S |
| 301530118 | 14042 | Federal | ow | P |
| | 14041 | Federal | ow | P |
| 301530120 | 14042 | Federal | ow | S |
| 301530149 | 14042 | Federal | ow | S |
| 301530167 | 14041 | Federal | ow | P |
| 301530170 | 14042 | Federal | ow | P |
| 301530172 | 14042 | Federal | ow | P |
| 301530142 | 14041 | Federal | ow | P |
| 301530184 | 9576 | Federal | ow | S |
| 301530138 | 14042 | Federal | ow | S |
| | | | | |
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| 3 3 3 | 01530170 01530172 01530142 01530184 | 01530170 14042 01530172 14042 01530142 14041 01530184 9576 | 01530170 14042 Federal 01530172 14042 Federal 01530142 14041 Federal 01530184 9576 Federal | 01530170 14042 Federal OW 01530172 14042 Federal OW 01530142 14041 Federal OW 01530184 9576 Federal OW |

requested 7/292005

n/a

| 7. Federal and Indian Lease Wells: The BLM and or the or operator change for all wells listed on Federal or Indian leases | |
|--|---|
| 8. Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for the successor of unit operat | for wells listed on:n/a |
| Federal and Indian Communization Agreements (The BLM or BIA has approved the operator for all wells listed | |
| 10. Underground Injection Control ("UIC") The Inject, for the enhanced/secondary recovery unit/project for the vision of the vis | Division has approved UIC Form 5, Transfer of Authority to water disposal well(s) listed on: coming |
| DATA ENTRY: | |
| 1. Changes entered in the Oil and Gas Database on: | 7/29/2005 |
| 2. Changes have been entered on the Monthly Operator Change S | Spread Sheet on: 7/29/2005 |
| 3. Bond information entered in RBDMS on: | 7/29/2005 |
| 4. Fee/State wells attached to bond in RBDMS on: | 7/29/2005 |
| 5. Injection Projects to new operator in RBDMS on: | * |
| 6. Receipt of Acceptance of Drilling Procedures for APD/New on: | n/a |
| FEDERAL WELL(S) BOND VERIFICATION: | |
| 1. Federal well(s) covered by Bond Number: | <u>UT1147</u> |
| INDIAN WELL(S) BOND VERIFICATION: | |
| 1. Indian well(s) covered by Bond Number: | n/a |
| FEE & STATE WELL(S) BOND VERIFICATION: 1. (R649-3-1) The NEW operator of any fee well(s) listed covered | i by Bond Number * |
| 2. The FORMER operator has requested a release of liability from to The Division sent response by letter on: | their bond on: not yet |
| LEASE INTEREST OWNER NOTIFICATION: 3. (R649-2-10) The FORMER operator of the fee wells has been co of their responsibility to notify all interest owners of this change of | |
| COMMENTS: | |
| | |
| | |
| | |

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

| | FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010 |
|---------------------|--|
| 5. Lease Serial No. | |

6.

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an

| J-43778 | | | | |
|------------|-------------|-------|------|--|
| If Indian, | Allottee or | Tribe | Name | |

| abandoned well. | Use Form 3160-3 (A | PD) for suci | proposal | s. | | | |
|--|---|---|--------------------------|-----------------|---|----------|--|
| SUBMIT | T IN TRIPLICATE - Other | r instructions on | page 2. | | 7. If Unit of CA/Agre | ement, | Name and/or No. |
| 1. Type of Well Oil Well Gas W | /ell Other | · • | | | 8. Well Name and No Federal 12-13 | • | |
| 2. Name of Operator Integrated Energy LLC | | | | | 9. API Well No. 43-015-30142 | | · · · · · · · · · · · · · · · · · · · |
| 3a. Address 1137 19 Road, Fruita CO. 81521 | 3b. Phone No. (include area code) | | | | 10. Field and Pool or I Grassy Trail | Explor | atory Area |
| 4. Location of Well (Footage, Sec., T., 662 1/2 FWL 1978 FSL, NW1/4SW1/4) Sec. 12, | R.M., or Survey Description T168, R12E SLM | | | | 11. Country or Parish, Emery | State | |
| 12. CHEC | K THE APPROPRIATE BO | OX(ES) TO INDIC | ATE NATURI | E OF NOTIC | E, REPORT OR OTH | ER DA | ATA |
| TYPE OF SUBMISSION | | | TY | PE OF ACT | ION | | |
| Notice of Intent | Acidize Alter Casing | Deeper | | _ | uction (Start/Resume) | | Water Shut-Off Well Integrity |
| Subsequent Report | Casing Repair Change Plans | | onstruction d Abandon | = | mplete corarily Abandon | | Other |
| Final Abandonment Notice | Convert to Injection | Plug B | eck | Wate | r Disposal | | |
| following completion of the involve testing has been completed. Final determined that the site is ready for Replaced Tubing and Pump. 113 Joints 2 3/8 L-80 EOT @ 3487 Rods 140 3/4" rods 1 6" 3/4" pony rod 1 2' 3/4" pony rod 1 16' x 1 1/2" DHD pump SN @ EOT | Abandonment Notices must r final inspection.) | ion results in a mu be filed only after | tiple completic | on or recomp | reclamation, have been | n comp | rm 3160-4 must be filed once oleted and the operator has |
| Placed well on productionAugust 17 | 2007 | | | | SEP 0 6 2007 | | |
| Replaced production line from Well | | r 1, 2007 | | | SEP | Ub | 2007 |
| | | | | | DIV. OF OIL | , gas | S & MINING |
| I hereby certify that the foregoing is to Name (Printed/Typed) Tariq Ahmad | rue and correct. | | Title Petroleu | ım Enginee | r | | |
| Signature | y D | | Date 09/02/20 | 007 | | | |
| | THIS SPACE | FOR FEDER | RAL OR ST | ATE OF | FICE USE | | |
| Approved by | | | Title | | | Date | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| Conditions of approval, if any, are attached that the applicant holds legal or equitable entitle the applicant to conduct operations | title to those rights in the subje | es not warrant or ce ect lease which wou | tify | | | | |
| Title 18 U.S.C. Section 1001 and Title 43 fictitious or fraudulent statements or representations. | | | son knowingly a | and willfully t | o make to any departme | nt or ag | gency of the United States any false |

Form 3160-5 (April 2004)

Subsequent Report

Final Abandonment Notice

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

Casing Repair

Change Plans

Convert to Injection

| ς_ | If Indian | Allottee or Tribe Name |
|----|--------------|------------------------|
| | U-43788 | |
| ٠. | Touch Citter | 110. |

| abandoned we | 6. If indian, Anotice of The Name | | | | |
|---|-----------------------------------|--|--|--|--|
| SUBMIT IN TRIPLICATE- Other instructions on reverse side. | | | 7. If Unit or CA/Agreement, Name and/or No. | | |
| 1. Type of Well Oil Well 🗆 📗 | Gas Well 🗆 Other | | 8. Well Name and No. | | |
| 2. Name of Operator Integrated En | ergy LLC | | Federal 12-13 | | |
| 3a Address | | 3b. Phone No. (include area code) | 9. API Well No. 43-015-30142 | | |
| 1137 19 Road, Fruita CO. 81521 | | 970 234 8095 | 10. Field and Pool, or Exploratory Area | | |
| 4. Location of Well (Footage, Sec., T. | , R., M., or Survey Description | n) | Grassy Trail | | |
| 662 1/2 FWL 1978 FSL, NW1/4 | SW1/4 Sec 12 T16S R12E | SLM | 11. County or Parish, State | | |
| | | | Emery | | |
| 12. CHECK AP | PROPRIATE BOX(ES) | TO INDICATE NATURE OF NOTICE, | REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | | TYPE OF ACTION | | | |
| Notice of Intent | Acidize Alter Casing | Deepen Production Fracture Treat Reclamation | (Start/Resume) Water Shut-Off Well Integrity | | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

New Construction

Plug and Abandon

Plug Back

Recomplete

Water Disposal

Temporarily Abandon

Operator will bury the production line from the 12-13 to the tank battery at Federal 11-42. The line will follow the original buried line. burying the line is required to prevent freeze up during the winter months.

Accepted by the Utah Division of Oil, Gas and Mining For Record Only

| I hereby certify that the foregoing is true. Name (Printed/Typed) | ue and correct | | | |
|---|--|------------|------------------------------|--------------------------------------|
| Tariq Ahmad | Į Ti | tle Petrol | leum Engineer | |
| Signature Cury | | rate 1/ | 1/5/07 | |
| THIS | SPACE FOR FEDERAL C | R STA | TE OFFICE USE | |
| Approved by | | Title | . ` | Date |
| Conditions of approval, if any, are attached. A certify that the applicant holds legal or equitable which would entitle the applicant to conduct or | e title to those rights in the subject lease | | t se | |
| Title 18 U.S.C. Section 1001 and Title 43 U.S.C. 5 | Section 1212, make it a crime for any per | son knowin | gly and willfully to make to | any de at pert or agend aftie United |

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

NOV 0 8 2007

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

| ROUTING |
|---------|
| 1. DJJ |
| 2 CDW |

| Y - | Change | of Operat | or (Well Sold) |
|------------|--------|------------|----------------|
| Λ- | CHAILE | UI VIDELAL | DIOCHER IN |

Operator Name Change/Merger

| A - Change of Operator (Well Sold) | | | | Operan | or Name | mange/ivie | igei | |
|---|---------|----------|-----------|--------------------|------------------------|-----------------|-----------------|--|
| The operator of the well(s) listed below has chan | ged, e | effectiv | re: | | | 6/1/2007 | | |
| FROM: (Old Operator): | | | | TO: (New Op | perator): | | | |
| N2845-Pride Ventures, LLC | | | | N3205-Integrat | • | LLC | | |
| PO Box 328 | | | | 1137 19 | | | | |
| Bloomfield, NM 87413 | | | | | CO 81521 | | | |
| Phone: 1 (505) 325-7707 | | | | Phone: 1 (970) | 234-8095 | | | |
| CA No. | | | | Unit: | | | | |
| WELL NAME | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
| SEE ATTACHED LIST | | | : | | | 1112 | 1111 | BITTED |
| OPERATOR CHANGES DOCUMENT Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was | | | rom the | FORMER ope | rator on: | 12/14/2007 | <u> </u> | |
| 2. (R649-8-10) Sundry or legal documentation was | as rec | eived f | rom the | NEW operator | on: | 1/4/2008 | 3 | |
| 3. The new company was checked on the Depart | ment | of Cor | nmerce | , Division of Co | orporation | s Database o | n: | 11/7/2007 |
| 4a. Is the new operator registered in the State of U | Jtah: | | | Business Numb | er: | 5065229-016 | 60 | |
| 4b. If NO , the operator was contacted contacted of | on: | | | - | | | _ | |
| 5a. (R649-9-2)Waste Management Plan has been re | | d on: | | | REQUES | TED 1/31/08 | 3 | |
| 5b. Inspections of LA PA state/fee well sites comp | | | | n/a | - | | | |
| 5c. Reports current for Production/Disposition & S | | | | ok | • | | | |
| 6. Federal and Indian Lease Wells: The BI | | | e RIA l | | - merger na | me change | | |
| or operator change for all wells listed on Feder | | | | | BLM | 9/6/2007 | 7 RIA | |
| 7. Federal and Indian Units: | ai oi i | man | icases c | ,,,,, | DLM | - 7/0/2007 | DIA | _ |
| The BLM or BIA has approved the successor | r of m | nit one | rator fo | r wells listed on: | | n/a | | |
| 8. Federal and Indian Communization Ag | | _ | | | • | | _ | |
| The BLM or BIA has approved the operator | | | • | • | | n/a | | |
| 9. Underground Injection Control ("UIC" | | i wells | | ivision has appro | oved UIC F | | _ sfer of Au | thority to |
| Inject, for the enhanced/secondary recovery un | • | viect fo | | | | | 1/7/2008 | - |
| DATA ENTRY: | no pre | ijeci io | i iiie wa | ater disposar wer | n(s) nsæu c |)11 . | 1/1/2000 | <u>, </u> |
| 1. Changes entered in the Oil and Gas Database | on: | | | 12/21/2007 and | d 1/30/2008 | ₹ | | |
| 2. Changes have been entered on the Monthly O | | or Cha | ange Sp | | - 1, D 0, - 0 0 | | 2007 and | 1/30/2008 |
| 3. Bond information entered in RBDMS on: | | | | 12/21/2007 and | d 1/30/2008 | | | |
| 4. Fee/State wells attached to bond in RBDMS or | 1: | | | 12/21/2007 and | d 1/30/2008 | 3 | | |
| 5. Injection Projects to new operator in RBDMS | on: | | | 1/30/2008 | _ | | | |
| 6. Receipt of Acceptance of Drilling Procedures | for Al | D/Nev | w on: | | n/a | | | |
| BOND VERIFICATION: | | | | | | | | |
| 1. Federal well(s) covered by Bond Number: | | | | UTB000265 | _ | | | |
| 2. Indian well(s) covered by Bond Number: | | | | | - | | | |
| 3a. (R649-3-1) The NEW operator of any fee we | ll(s) l | isted co | overed 1 | by Bond Number | r | RLB001043 | 6 | |
| 3b. The FORMER operator has requested a release | se of l | iability | from t | heir bond on: | n/a | | _ | |
| The Division sent response by letter on: | | | | | | | | |
| LEASE INTEREST OWNER NOTIFIC | CAT | ION: | | | | | | |
| 4. (R649-2-10) The FORMER operator of the fee | | | | | ned by a let | tter from the l | Division | |
| of their responsibility to notify all interest owner | ers of | this ch | ange on | t : | n/a | | | |
| COMMENTS: | | | | | | | | |

| ^- | 1.17 | ALI |
|--------|------|-----|

FORM 9

| | STATE OF U | TAH | | |
|---|--|-------------------------------------|---|---------------------------------------|
| DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING | | | 5. LI: ASE DESIGNATION AND SERIAL NUMBER; | |
| SUNDRY | NOTICES AND R | EPORTS ON WEL | LS | 6. 11 INDIAN, ALLOTTER OR TRIBE NAME: |
| | · | welle hotow current hottom-hote dec | ally, reanier phaged wells, or to | 7. LINIT IT CA AGREEMENT NAME: |
| DUN HENTZOINEN WIL | W Wells, significantly despon existing orals. Lise APPLICATION FOR PER | MIT TO DRILL form for such proposi | nie. | A V/ELL NAME and NUMBER: |
| 1. TYPE OF WELL OIL WELL | Z GAS WELL | OTHER | | Sije below |
| 2. NAME OF OPERATOR: | N3205 | | | |
| Integrated Energy LLC 3. ADDRESS OF OPERATOR: | | 00 01521 | PHONE NUMBER: (970) 234-8095 | 10, FIELD AND POOL, OR WILDCAT: |
| | , Fruita STAT | CO 216 8121 | (970) 234-0033 | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: | | | | CO INTY: |
| QTR/QTR, SECTION, TOWNSHIP, RAN | GE. MERIDIAN | | | ST#TE: |
| CHECK APPE | OPRIATE BOXES TO | INDICATE NATURE | OF NOTICE, REPO | ORT, OR OTHER DATA |
| TYPE OF SUBMISSION | TOPRIATE BOXES TO | | TYPE OF ACTION | |
| | ACIDIZE | DEEPEN | | REPERFORATE CURRENT FORMATION |
| NOTICE OF INTENT (Submit in Duplicate) | ALTER CASING | FRACTUR | E TREAT | SIDETRACK TO REPAIR WELL |
| Approximate date work will staff: | CASING REPAIR | | ISTRUCTION | TEMPORARILY ABANDON TUBING REPAIR |
| | CHANGE TO PREVIOUS P | | OR CHANGE | VENT OR FLARE |
| | CHANGE TUBING | = | O ABANDÓN | WATER DISPOSAL |
| SUBSEQUENT REPORT (Submit Original Form Only) | CHANGE WELL NAME | L PLUG BAC | rion (START/RESUME) | WATER SHUT-OFF |
| Date of work completion: | CHANGE WELL STATUS COMMINGLE PRODUCING | <u>_</u> | ATION OF WELL SITE | OTHER: Change of Operator |
| | CONVERT WELL TYPE | | LETE - DIFFERENT FORMATION | |
| 12. DESCRIBE PROPOSED OR C | | parly show all pertinent details i | including dates, depths, volu | mes, erc. |
| Integrated Energy LLC ha | | | | |
| Integrated Energy LLC na | | | | |
| effec | lue 6/1/6 | 7 | | |
| - 00 | tive 6/1/1 BLM DOGM | Bond=UTB | -000265 | - |
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| | DUSTR | POLD > V | LISUUTUT | w |
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| - A | 10 00-1 | ^ | | |
| - TERK | YK. STENCE | | Oil | |
| NAME (PLEASE PRINT) | 0/10 | 1 | ITLE AHOTNE | 4 |
| 77 | K/ | ` | ATE 11-20 C | 7 |
| SIGNATURE | | P | - 10 | |
| | | | | |

(This space for State use only)

(5/2000)

APPROVED 12/21/01 + 1/30/08

Division of Oil, Gas and Mining Earlene Russell, Engineering Technician RECEIVED

NOV 2 0 2007

DIV. OF OIL, GAS & MINING

| $\overline{}$ | - | | |
|---------------|----------|------|----|
| Grassy | l rail | - 10 | |
| Ulassy | Hall | 1 10 | ıu |
| | | | |

Exhibit A Well List

| | | Lease | | | | | | Utah |
|----|--------------------|-----------|----------------------|-------------------|-----------|---------|--------------------|-----------|
| | API# | Type | Lease # | Well Name | Well Type | County | Location | Entity# |
| 1 | 43-007-30084-00-00 | State | | State 36-13 | Oil | Carbon | 36-15S-12E | 6430 |
| 2 | 43-007-30103-00-00 | State | | Grassy Trail 36-2 | Oil | Carbon | 36-15S-12E | 9577 |
| 3 | 43-015-15604-00-00 | Federal | UTU41364 | Federal 1 | Oil | Emery | 1-16S-12E | 635 |
| 4 | 43-015-15607-00-00 | Federal - | -UTU41364 | Federal 2 | Oil | Emery | 1-16S - 12E | 635 |
| 5 | 43-015-30097-00-00 | Federal | UTU43778 | Federal 11-33 | Oil | Emery | 11-16S-12E | 6435 |
| 6 | 43-015-30100-00-00 | State | | State 2-43X | Oil | Emery | 2-16S-12E | 6440 |
| 8 | 43-015-30118-00-00 | Federal | UTU43778 | Federal 11-41 | Oil | Emery | 11-16S-12E | 6450 |
| 9 | 43-015-30120-00-00 | Federal | UTU43778 | Federal 11-13 | Oîl | Emery | 11-16S-12E | 6455 |
| 10 | 43-015-30121-00-00 | Federal | UTU43777 | Federal 4-32 | Oil | Emery | 4- 1 62-12E | 6460 |
| 11 | 43-015-30138-00-00 | Federal | UTU43778 | Federal 14-11 | Oil | Emery | 14-16S-12E | 6475 |
| 12 | 43-015-30142-00-00 | Federal | UTU43778 | Federal 12-13 | Oil | Emery | 12-16S-12E | 6485 |
| 13 | 43-015-30149-00-00 | Federal | UTU43778 | Federal 11-11 | Oil | Emery | 11-16S-123 | 6490 |
| 14 | 43-015-30167-00-00 | Federal | UTU43778 | Federal 11-42 | Oil | Emery | 11-16S-12E | 6495 |
| 15 | 43-015-30170-00-00 | Federal | UTU43778 | Federal 11-23 | Oil | Emery | 11-16S-12E | 6500 |
| 16 | 43-015-30172-00-00 | Federal | UTU43778 | Federal 11-43 | Oil | Emery | 11-16S-12E | 6431 |
| 17 | 43-015-30180-00-00 | Federal | UTU41364 | Federal 1-14 | Oil | Emery | 1-16S-12E | 9575 |
| 7 | 43-015-30111-00-00 | State | | State 2-23 | Active | Water d | is E me ry | 2-16S-12E |

DIV. OF OIL, GAS & MINING

STATE OF UTAH

| 1 | DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING | 5. LEASE DESIGNATION AND SERIAL NUMBER: |
|---|--|---|
| | U-43778 | |
| SUNDRY | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A | |
| Do not use this form for proposals to drill n drill horizontal le | ow wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to terais. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | 7. UNIT OF CA AGREEMENT NAME: N/A |
| 1. TYPE OF WELL OIL WELL | GAS WELL OTHER | 8. WELL NAME and NUMBER: Federal 12-13 |
| 2. NAME OF OPERATOR: | | 9. API NUMBER: |
| Pride Ventures, LLC 3. ADDRESS OF OPERATOR: | PHONE NUMBER: | 4301530142 10. FIELD AND POOL, OR WILDCAT: |
| P.O. Box 328 | Ricomfield NM 97/13 (505) 325-7707 | Grassy Trail Field |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1978' | FSL 652' FWL | COUNTY: Emery |
| QTR/QTR, SECTION, TOWNSHIP, RAN | GE, MERIDIAN: NWSW 12 16S 12E | STATE: UTAH |
| 11. CHECK APPI | ROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO | RT, OR OTHER DATA |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| NOTICE OF INTENT | ACIDIZE DEEPEN | REPERFORATE CURRENT FORMATION |
| (Submit in Duplicate) | ALTER CASING FRACTURE TREAT | SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON |
| Approximate date work will start: | CASING REPAIR NEW CONSTRUCTION CHANGE TO PREVIOUS PLANS OPERATOR CHANGE | TUBING REPAIR |
| | CHANGE TUBING PLUG AND ABANDON | VENT OR FLARE |
| SUBSEQUENT REPORT | CHANGE WELL NAME PLUG BACK | WATER DISPOSAL |
| (Submit Original Form Only) | CHANGE WELL STATUS PRODUCTION (START/RESUME) | WATER SHUT-OFF |
| Date of work completion: | COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE | ✓ other: Change of Operator |
| | CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION | |
| 12. DESCRIBE PROPOSED OR CO | MPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume | es, etc. |
| Effective April 2, 2007, Pr | de Ventures, LLC requests the following Change of Operator from | n Pride to: |
| Integrated Energy, LLC 1137 19 Road Fruita, CO 81521 Attn: Mr. Wayne Stout 970-234-8095 | | |
| | | RECEIVED JAN 0 4 2008 |
| NAME (DI EASE DRINT) JIM WOOS | ley Member | DIV. OF OIL, GAS & MINING |
| NAME (PLEASE PRINT) SIGNATURE | DATE 12-31-0 | 7 |
| 1.7.1.20 | $-\int$ | |
| (This space for State use only) | V | |
| APPROV | VED_13130_107 | |

(5/2000)

Division of Oil, Gas and Mining (See Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

| AU | OF LAND MANAGEMENT | 5. | Lease | Seri | a |
|----|--------------------|----|-------|------|---|
| | | | | | |

^{ll No.} UTU43778

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

| abandoned well. Use Form 3160-3 (A | | | | |
|--|---|--|--|--|
| SUBMIT IN TRIPLICATE – Other | 7. If Unit of CA/Agreement, Name and/or No. | | | |
| 1. Type of Well Oil Well Gas Well Other | | 8. Well Name and No. Federal 12-13 | | |
| 2. Name of Operator Integrated Energy LLC | | 9. API Well No. 4301530142 | | |
| 3a. Address | 3b. Phone No. (include area code) | 10. Field and Pool or Exploratory Area | | |
| 1137 19 Road, Fruita, CO 81521 | (775) 852-7444 | Grassy Trails | | |
| 4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description, T16S-R12E Sec 12 |) | 11. Country or Parish, State Emery, UT | | |
| 12. CHECK THE APPROPRIATE BO | X(ES) TO INDICATE NATURE OF NOTIC | E, REPORT OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACT | ION | | |
| ☐ Notice of Intent ☐ Acidize ☐ Alter Casing ☐ Casing Repair | Fracture Treat Recla | iction (Start/Resume) | | |
| Change Plans Final Abandonment Notice Convert to Injection | Plug and Abandon Temp | orarily Abandon <u>operator</u> Disposal | | |
| Attach the Bond under which the work will be performed or pro following completion of the involved operations. If the operation testing has been completed. Final Abandonment Notices must be determined that the site is ready for final inspection.) Change of Operator from Pride Ventures L Integrated Energy LLC agrees to follow the last operation of th | on results in a multiple completion or recompleted only after all requirements, including the filed only after all requirements, including the filed to integrated Energy LLC eff | ective June 1, 2007. | | |
| Name (Printed/Typed) Rhonda Ahmad | Title Wells Record | ds | | |
| Signature Rhorda amas | Date 8/24/2007 | RECEIVED | | |
| THIS SPACE FOR FEDERAL OR STATE OFFICE USE | | | | |
| Approved by ACCEPTED | Title | | | |
| Conditions of approval, if any, are attached. Approval of this notice does that the applicant holds legal or equitable title to those rights in the subject entitle the applicant to conduct operations thereon. | not warrant or certify NUUU FIGUUTI t lease which would Office | 166 | | |
| Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, ictitious or fraudulent statements or representations as to any matter within its jurisdiction. | | | | |

(Instructions on page 2) CC UDOSM

Conditions Attached

Integrated Energy, LLC All Wells on Leases UTU41364, UTU43777 and UTU43778 Sections 1, 4, 11, 12 and 14, T16S, R12E Emery County, Utah

CONDITIONS OF ACCEPTANCE

Acceptance of these applications does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Integrated Energy, LLC is considered to be the operator of the above wells effective June 1, 2007, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for these wells is provided by UTB000265 (Principal – Integrated Energy, LLC) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable <u>until</u> the provisions of 43CFR 3106.7-2 continuing responsibility are met.

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

| FORM APPROVED |
|------------------------|
| OMB No. 1004-0137 |
| Expires: July 31, 2010 |

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an 5. Lease Serial No. U-43778 6. If Indian, Allottee or Tribe Name

| abandoned well. | Use Form 3160-3 (A | (PD) for such propos | als. | | |
|---|---|--|----------------------------------|---|---|
| | TIN TRIPLICATE - Other | instructions on page 2. | | 7. If Unit of CA/Agree | ement, Name and/or No. |
| 1. Type of Well Oil Well Gas W | ell Other | | | 8. Well Name and No. Fderal 12-13 | |
| 2. Name of Operator Integrated Energy LLC | | | | 9. API Well No. 43-015-30142 | |
| 3a. Address 1137 19 Road, Fruita CO 81521 | | 3b. Phone No. (include area) 970 234 8095 | code) | 10. Field and Pool or E Grassy Trails | Exploratory Area |
| 4. Location of Well (Footage, Sec., T., 662 1/2 FWL 1978 FSL, NW1/4SW1/4 SEC 12 | R.M., or Survey Description 1168 R12E SLM |) | | 11. Country or Parish, Emery, Utah | State |
| 12. CHEC | K THE APPROPRIATE BO | OX(ES) TO INDICATE NATU | JRE OF NOTIC | E, REPORT OR OTH | ER DATA |
| TYPE OF SUBMISSION | *************************************** | | TYPE OF ACT | ION | |
| Notice of Intent | Acidize Alter Casing | Deepen Fracture Treat | | uction (Start/Resume) | Water Shut-Off Well Integrity |
| Subsequent Report | Casing Repair Change Plans | ☐ New Construction☐ Plug and Abandon | _ | mplete oorarily Abandon | Other Amendment |
| Final Abandonment Notice | Convert to Injection | Plug Back | ☐ Water | r Disposal | |
| testing has been completed. Final determined that the site is ready for This Sundry is filed as an amendme as exhibit A to the said sundry notic less than 1500 psi and current reserved. | r final inspection.) Int to Notice approved on a from 3,000 psi to 2,000 | December 24, 2007. The a | mendment is r fect the safety | made to change the E of the operation as the | BOP testing requirement submited ne virgin reservoir pressure was |
| COPY SENT TO GPERATOR | | | | | RECEIVED |
| Date: 1-24-2008 | | | | | JAN 1 1 2008 |
| Initiale: | | | | | |
| 14. I hereby certify that the foregoing is to Tariq Ahmad | rue and correct. Name (Printe | | | | DIV. OF OIL, GAS & MINING |
| | | Title Petro | leum Engineer | | |
| Signature Wily | P | Date 01/07 | /2008 | | |
| | THIS SPACE | FOR FEDERAL OR | STATE OFF | ICE USE | |
| Approved by | | Title | Accepte Utah Di | vision of | Date Federal Approval Of This Action is Necessary |
| Conditions of approval, if any, are attached that the applicant holds legal or equitable the entitle the applicant to conduct operations | itle to those rights in the subjetthereon. | ect lease which would Office | 1118 | 108/ | ACTION IS TO |
| Title 18 U.S.C. Section 1001 and Title 43 fictitious or fraudulent statements or representations. | U.S.C. Section 1212, make it esentations as to any matter w | a crime for any person knowing ithin its jurisdiction. | y and willfully to | o hake to any separtifier | nt or agency of the United States any false, |
| (Instructions on page 2) | | Dy: | | | : |

| | | 1 | | CO | NEWNIAL | |
|--|--|--|--|--|---|--|
| Form 3160-5 April 2004) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT | | | FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007 | | | |
| | NOTICES AND REP | | -110 | 5. Lease Ser U-4377 | | |
| | is form for proposals to | | | | n, Allottee or Tribe Name | |
| abandoned we | II. Use Form 3160 - 3 (A | PD) for such p | oposals. | o. II maa | is a money of Tribe realize | |
| SUBMIT IN TRI | PLICATE- Other instru | uctions on reve | rse side. | 7. If Unit o | or CA/Agreement, Name and/or No. | |
| Oil Well | Gas Well Other | | | | me and No. | |
| 2. Name of Operator Integrated En | ergy LLC | | | 9. API W | al 12-13 ell No. | |
| 3a Address 1137 19 Road, Fruita, CO 8152 | 1 | 3b. Phone No. (include 970 234 8095 | le area code) | | ad Pool, or Exploratory Area | |
| 4. Location of Well (Footage, Sec., 7 | ., R., M., or Survey Description) | | | Grassy Trails | | |
| 662 1/2 FWL 1978 FSL, NWSV | V Section 12 T16S R12 E SLM | | | 11. County | or Parish, State | |
| | | | | Emery | | |
| 12. CHECK AP | PROPRIATE BOX(ES) TO I | NDICATE NATU | RE OF NOTICE, F | REPORT, OF | R OTHER DATA | |
| TYPE OF SUBMISSION | | TY | PE OF ACTION | | | |
| Notice of Intent | Acidize | Deepen | Production (St | art/Resume) | Water Shut-Off | |
| | Alter Casing | Fracture Treat | Reclamation | | Well Integrity | |
| Subsequent Report | Casing Repair Change Plans | New Construction | Recomplete Temporarily A | ı Landan | Other Completion | |
| Final Abandonment Notice | Convert to Injection | Plug and Abandon Plug Back | Water Disposal | | | |
| Attach the Bond under which the following completion of the invotesting has been completed. Find determined that the site is ready: Attached please find the co | e work will be performed or provide olved operations. If the operation re al Abandonment Notices shall be fi | e the Bond No. on file exults in a multiple com led only after all requin well. | with BLM/BIA. Requingletion or recompletion ements, including reclan | red subsequent in a new interva- nation, have been | hs of all pertinent markers and zones. reports shall be filed within 30 days al, a Form 3160-4 shall be filed once en completed, and the operator has | |
| | | | | | ENT TO OPERATOR - 27-2008 | |
| | | | | - | V < | |
| | | | | Initials:_ | F 3 | |
| 14. I hereby certify that the foreg Name (Printed/Typed) | oing is true and correct | | | Transfer of the first of the fi | | |
| Tariq Ahmad | | I itle | Petroleum Engineer | | | |
| Signaturea | uy D | Date | 3/3/08 | | | |
| | THIS SPACE FOR F | EDERAL OR S | TATE OFFICE | USE | | |
| Approved by | | | Γitle | | Date | |
| Conditions of approval, if any, are at | tached. Approval of this notice do | | THE | | Tall the state of | |
| certify that the applicant holds legal of | or equitable title to those rights in | 4 1 | Office | | | |
| which would entitle the applicant to | conduct operations thereon. | | · · · · · · · · · · · · · · · · · · · | | | |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or asserted to States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

MAR 0 6 2008

DIV. OF OIL, GAS & MINING

Federal 12-13 Grassy Trails Field Section 12, 16S 12 E Emery County, Utah

GRASSY TRAILS COMPLETION

FEBRUARY 15, 2008 (FRIDAY)

Ran top lateral liner into well bore. No resistance. Shot off the pipe just inside of the top window to insure no interference with bottom lateral. Wayne on site. (See completion proposal utilizing 2 3/8" X 4 3/8" centralizers for laterals)

FEBRUARY 16, 2008 (SATURDAY)

Ran into well bore and latched onto the top whip stock. Pulled out of the well bore. Wayne on site.

FEBRUARY 17, 2008 (SUNDAY)

Ran into well attempting to latch onto the retrievable bridge plug. Needed to order in pump to reverse flush. Wayne left site.

FEBRUARY 18, 2008 (MONDAY)

Equipment delivered and set up. Water taken from pit and placed into tank.

Back flushed water on top of the retrievable bridge plug. Used a set of jars on 2 7/8" pipe(kept hanging up on burrs on the top of window) Weatherford tool finally latched onto the plug mandrill.

The bridge plug and all equipment removed from the well. Rig went back into well bore and then laid down the 2 7/8" rental pipe to be sent back to Vernal released the rig crew at 4:30 pm to set up to run lateral liner in morning.

FEBRUARY 19, 2008 (TUESDAY)

Well had approximately 150 psi on Tuesday morning. Fluid level at 1400 '

Ran 1270' 2 3/8" tubing into bottom lateral. Used a short pup on the bottom of slotted 2 3/8" tubing placed a 2 3/8" centralizer on a short pup joint to facilitate entry into bottom window. A centralizer was placed on the first three

bottom joints and then one centralizer on every fourth joint. No problems encountered and the full string was placed into the well. Absolutely no resistance to slide the pipe into the lateral.

Page 2

Rocky Mountain Wireline shot (12:00) of the slotted line at 3021 (approximately 6') out of the window.

Pulled the tubing out of the well. Set a 4'2" pup joint on the bottom of the tubing. A 1" seating nipple was set on top of the pup joint and the remaining 2 3/8" tubing back into the well. The bottom of the tubing string is approximately 3' above the tubing protruding from the bottom window. RIH in hole with 2 3/8 inch L-80 tubing. Set bottom of tubing at 3027 feet.

Waiting for rods to arrive on site. Left site at 4:45 pm.

February 20, 2008 CP 350 PSI RIH with 13/4 inch, rods.

February 21, 2008 Plumbed in well. Received approval from BLM to ship oil to 11-42 tank battery.

February 22, 2008 Placed well on production. 8 spm started at 12:30 pm

| 2/23/08 | 102 bbls fluid. 60 oil bbls 42 water |
|---------|---|
| 2/24/08 | 57 bbls oil 42 bbls wtr. Speed up the pump to 12 spm. |
| 2/25/08 | 150 bbls fluid CP 450 psi instructed to open casing and let pump. 30% oil. 105 bbls water cum wtr. 189 bbls |
| 2/26/08 | 152 bbls fluid 450 psi buildup in 10 mins. 30% oil 106 wtr cum wtr 295 |
| 2/27/08 | 140 bbls fluid 0 psi 20% oil 112 wtr. Cum water 407 |
| 2/28/08 | 140 bbls fluid 0 psi 20% oil cum wtr 519 bbls |
| 2/29/08 | 140 bbls fluid 0 psi 20% oil cum wtr 631 bbl |
| 3/01/08 | 140 bbls fluid 0 psi 20% oil cum wtr743 bbl |
| 3/01/08 | 140 bbls fluid 0 psi 20% oil cum wtr 855 bbl total load to recover 2145 bbls water |

| 3/01/08 | 140 bbls fluid 0 psi 20% oil cum wtr 969 load to recover 2033 |
|----------|--|
| 03/01/08 | 140 bbls fluid 0 psi 20% oil cum wtr 1064 load to recover 1921 |
| 03/02/08 | 140 bbls fluid 0 psi 20% oil cum wtr 1176 load to recover 1809 |

Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

| 5. | Lease Serial No. | |
|----|-----------------------------------|--|
| | U-43778 | |
| 6. | If Indian, Allottee or Tribe Name | |

| abandoned well. Use Form 3160-3 (APD) f | or to re-enter an or such proposals. | o. If finding Anotice of Title Name | | |
|---|--|--|------------|--|
| SUBMIT IN TRIPLICATE- Other instruction | ns on reverse side. | 7. If Unit or CA/Agreement, Name and/or No. | | |
| I. Type of Well ☐ ☐ ☐ Gas Well ☐ ☐ Other | | | | |
| 2. Name of Operator Integrated Energy LLC | | 8. Well Name and No. FEDERAL 12-13 | | |
| | one No. (include area code) | 9. APLWell No. 43.015.30142 | | |
| 1137 19 Road, Fruita CO. 81521 970 | 234 8095 | 10. Field and Pool, or Exploratory Area | | |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) | | Grassy Trail 11. County or Parish, State | | |
| 662 1/2 FWL 1978 FSL, NW1/4SW1/4 SEC 12 T16S R12E SLM | | EMERY, UTAH | | |
| 12. CHECK APPROPRIATE BOX(ES) TO INDICA | ATE NATURE OF NOTICE, I | REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | • | | |
| | nure Treat Reclamation | Well Integrity | | |
| | Construction Recomplete and Abandon Temporarily A | bandon SHUT OFF WEST LATERAL | | |
| Final Ahandonment Notice | Back Water Disposal | | | |
| following completion of the involved operations. If the operation results in testing has been completed. Final Abandonment Notices shall be filed only determined that the site is ready for final inspection.) Testing of the well has shown that the west lateral is communica found in the fluid in the 11-43 well. While fluid level has decreas Based upon the engineering analysis the operator is installing a communical | after all requirements, including reclan ting with the 11-33 and the 11-43 ed below the pump level in the 11 | well through the fracture system. LCM was -33 well. | | |
| Accepted by the Utah Division of | | COPY SENT TO OPERATOR | | |
| Oil, Gas and Mining | Federal Approval Of This | | | |
| Date: 5/23/08 By: Doll Cement plug shall be | Action Is Necessary | Deter 5.27.2008 Minute: KS to permanently shot off lateral | (R649-3-21 | |
| 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) | | | | |
| Tarie Ahmad | Title Petroleum Engineer | | | |
| Signature | Date | 04/21/2008 | | |
| THIS SPACE FOR FEDER | RAL OR STATE OFFICE | USE | | |
| Approved by | Title | Date | | |
| Conditions of approval, if any, are attached. Approval of this notice does not vecrify that the applicant holds legal or equitable title to those rights in the subjuvinch would entitle the applicant to conduct operations thereon. | varrant or | Date | | |
| Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime fo States any false, fictitious or fraudulent statements or representations as to any | r any person knowingly and willfully natter within its jurisdiction. | to make to any department or agency of the United | | |

(Instructions on page 2)

RECEIVED

APR 2 3 2008

Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR

| Form 3160-5 UNITED STAT (April 2004) DEPARTMENT OF TH BUREAU OF LAND MA | FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007 5. Lease Serial No. | | |
|--|--|--|--|
| SUNDRY NOTICES AND RI Do not use this form for proposals abandoned well. Use Form 3160 - 3 | U43778 6. If Indian, Allottee or Tribe Name NA | | |
| SUBMIT IN TRIPLICATE- Other ins | 7. If Unit or CA/Agreement, Name and/or No. NA 8. Well Name and No. Federal# 12-13 | | |
| Name of Operator Integrated Energy, LLC Address 1137 19 Road, Fruita, CO 81521 | 9. API Well No. 43-015-30142 10. Field and Pool, or Exploratory Area | | |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description 662.5 FWL, 1978 FSL, (NW1/4, SW1/4) Section 12, T16S, | Grassy Trails 11. County or Parish, State Emery, UT | | |
| 12. CHECK APPROPRIATE BOX(ES) T TYPE OF SUBMISSION | O INDICATE NATURE OF NOTICE, TYPE OF ACTION | REPORT, OR OTHER DATA | |
| Notice of Intent Subsequent Report Final Abandonment Notice Acidize Alter Casing Casing Repair Change Plans Convert to Injection | Deepen Production Fracture Treat Reclamation New Construction Plug and Abandon Plug Back Water Dispo | Other Oil Water Separator Abandon | |
| 13. Describe Proposed or Completed Operation (clearly state all per If the proposal is to deepen directionally or recomplete horizont Attach the Bond under which the work will be performed or profollowing completion of the involved operations. If the operation testing has been completed. Final Abandonment Notices shall be determined that the site is ready for final inspection.) Install an oil water separator at location | ally, give subsurface locations and measured an ovide the Bond No. on file with BLM/BIA. Re- on results in a multiple completion or recompleti | d true vertical depths of all pertinent markers and zones, quired subsequent reports shall be filed within 30 days on in a new interval, a Form 3160-4 shall be filed once | |

Accepted by the Utah Division of Oil, Gas and Mining For Record Only

Federal Approval Of This Action Is Necessary

| the first transfer to the contract of the cont | en e | A Committee of the Comm | | | |
|--|--|--|--|--|--|
| 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) | | | | | |
| Tariq Ahmad Tir | lle Petroleum Engineer | | | | |
| Signature Uty | ite 6/30/08 | | | | |
| / THIS SPACE FOR FEDERAL OR STATE OFFICE USE | | | | | |
| | | | | | |
| Approved by | _ Title | Date | | | |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | Office | | | | |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

Instructions on page 21

(Instructions on page 2)

JUL 07 2008

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

| ر ر | U | 1 | F | | E | ١ | V | T | | A | | |
|--------|---|---|---|--|---|---|---|---|---|---|-----|--|
| | | | | | - | • | ¥ | | ĕ | | · . | |

FORM 9

| | 6. LEASE DESIGNATION AND SERIAL NUMBER: | | | |
|---|---|---|--|--|
| SUNDRY | 8. IF INDIAN, ALLOTTEE OR TRIBE NAME: | | | |
| | 7. UNIT OF CA AGREEMENT NAME: | | | |
| 4 Whater out 145-11 | wwells, significantly deepen existing wells below purent bottom-hole depth, reenter plugged wells, or to orais. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | 8, WELL NAME and NUMBER: | | |
| OIL WELL | GAS WELL OTHER | Federal 12-13 | | |
| Integrated Energy LLC | | 43-105-301 43015 30142 | | |
| 3. ADDRESS OF OPERATOR: | Reno STATE NV ZIP 89511 PHONE NUMBER: (970) 234-8095 | Grassy Trails | | |
| PO Box 18148 city 4. LOCATION OF WELL | Reno STATE NV ZIP 89511 (970) 234-8095 | | | |
| POOTAGES AT SURFACE: 662 1/2 | | COUNTY: Emery | | |
| QTRICTR, SECTION, TOWNSHIP, RANG | | STATE: UTAH | | |
| 11. CHECK APPE | COPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO | ORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
| NOTICE OF INTENT | ACIDIZE DEEPEN | REPERFORATE CURRENT FORMATION | | |
| (Submit in Duplicate) | ALTER CASING FRACTURE TREAT | BIDETRACK TO REPAIR WELL | | |
| Approximate date work will start: | CASING REPAIR NEW CONSTRUCTION | TEMPORARILY ABANDON | | |
| 4 | CHANGE TO PREVIOUS PLANS OPERATOR CHANGE | TUBING REPAIR | | |
| | GHANGE TUBING PLUG AND ABANDON | VENT OR FLARE | | |
| SUBSEQUENT REPORT | CHANGE WELL NAME PLUG BACK | WATER DISPOSAL | | |
| (Submit Original Form, Only) | CHANGE WELL STATUS PRODUCTION (START/RESUME) | WATER SHUT-OFF | | |
| Date of work completion: | COMMINGLE PRODUCING FORMATIONS REGLAMATION OF WELL SITE | OTHER: Plug Back | | |
| | CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION | ٧ | | |
| | DMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volu- | mea, etc. | | |
| Operator proposes to plug | back the West lateral as follows: | ·. | | |
| | at and place 15 feet of cement on top of the CIBP. | RECEIVED JUL 2 2 2008 | | |
| West Lateral Top of Window 3021 1 | eet 4 Secks | "" OFIVED | | |
| Bottom of Window 30 | | JUL 2 2 2000 | | |
| East Lateral | ľ | 7 2 2008 | | |
| Top of Window 2989 | | DIV. OF OIL, GAS & MINING | | |
| Bottom of Window 29 Distance between the two | 98 Listorale is arriv 23 feet | a MINING | | |
| A! O! 7 E/O OO / #/ | a | | | |
| Any additional cament wo | ruid endager the East lateral, which could cause the well to be lo procedure above is submitted for approval. | st. Based upon the physical COPY SENT TO OPERATOR | | |
| , , , , , , , , , , , , , , , , , , , | | Date: 7.23.2008 | | |
| | | | | |
| | | Initials: K-S | | |
| NAME CHEASE PRINT TOTAL AND | nad _{Time} Petroleum Eng | ineer | | |
| NAME (PLEASE PRINT) | | | | |
| SIGNATURE | DATE 7/21/2008 | | | |
| | | 40 TO 10 TO | | |
| AE II | VED BY THE STATE ITAH DIVISION OF Action Is Necessary | is · | | |
| OIL, | GAS, AND MINING | | | |
| (5/2000) DATE | 7/23/08 (See Institutions on Reverse Side) | | | |
| DV. | Ishelh T | - place Cated But Kettle | | |
| DT: I | 15/10/10 Must be witnessed by the Duision to 5-820-0862 and arrange witnessing prior to | work beginning, | | |
| € 43 | 5-800-000 | | | |

CONFIDENTIAL

Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR

| | BUREAU OF LAND MAN | . CEL CELOR | Expires: March 31, 2007 |
|---|---|---|--|
| ь | 5. Lease Serial No. | | |
| SUNDRY | U43778 | | |
| Do not use th abandoned we | If Indian, Allottee or Tribe Name NA | | |
| * 1112 ** 1 1118 1555 ** 122 ** 1555 ** 1 | | TABLET VILLETARE LINES, BAVE, OF BUT AND BAVE | |
| | PLICATE- Other instr | uctions on reverse side. | 7. If Unit or CA/Agreement, Name and/or No. NA |
| 1. Type of Well Oil Well | Gas Well Other | | 8. Well Name and No. |
| 2. Name of Operator Integrated En | nergy, LLC | : | Federal# 12-13 9. API Well No. |
| 3a Address 1137 19 Road, Fruita, CO 8152 | 21 | 3b. Phone No. (include area code) 970-234-8095 | 43-015-30142 10. Field and Pool, or Exploratory Area |
| 4. Location of Well (Footage, Sec., 7 | S., R., M., or Survey Description) | • · · · · · · · · · · · · · · · · · · · | Grassy Trail |
| 662.5' FWL, 1978' FSL, (NW1 | /4, SW1/4) Section 12, T16S, F | R12E, SLM | 11. County or Parish, State |
| | | | Emery, UT |
| 12. CHECK AP | PROPRIATE BOX(ES) TO | INDICATE NATURE OF NOT | CE, REPORT, OR OTHER DATA |
| TYPE OF SUBMISSION | | TYPE OF ACTI | NC |
| Notice of Intent Subsequent Report | Acidize Alter Casing Casing Repair | Fracture Treat Reclam New Construction Recom | olete Other Install additional |
| Final Abandonment Notice | Change Plans | | arily Abandon 300 barrel tank |
| | Convert to Injection | Plug Back Water I | Disposal |
| If the proposal is to deepen direct Attach the Bond under which the following completion of the investigations. | etionally or recomplete horizontally e work will be performed or provious olved operations. If the operation all Abandonment Notices shall be for final inspection.) oil storage tank. rbance at the well site. | y, give subsurface locations and measure de the Bond No. on file with BLM/BIA results in a multiple completion or recon | date of any proposed work and approximate duration thereof. d and true vertical depths of all pertinent markers and zones. Required subsequent reports shall be filed within 30 days pletion in a new interval, a Form 3160-4 shall be filed once g reclamation, have been completed, and the operator has |
| | | | |

Accepted by the
Utah Division of
Oil, Gas and Mining
For Record Only

| | |)[<i>1/c</i> , | 2010 - | | | |
|---|--|----------------------|--------------------------|--|--|--|
| I hereby certify that the fo Name (Printed/Typed) | regoing is true and correct | | | | | |
| Tariq Ahmad | Titl | e Petroleum Engineer | | | | |
| Signature V ui | Dal | te | 8/25/08 | | | |
| THIS SPACE FOR FEDERAL OR STATE OFFICE USE | | | | | | |
| Approved by | | Title | | Date | | |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | | Office | | | | |
| Title 18 115 C Section 1001 and 7 | itle 43 IISC Section 1212 make it a crime for any ners | on knowingly | and willfully to make to | any department or agency of the United | | |

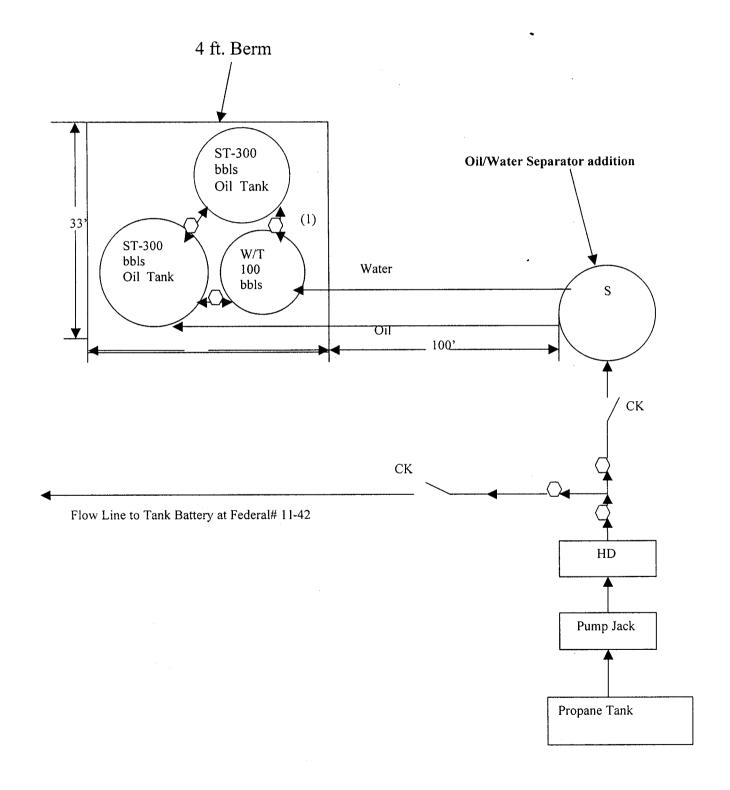
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

AUG 27 2008

Federal# 12-13 662.5' FWL, 1978 FSL, (NW1/4, SW1/4) Section 12, T16S, R12E, SLM Well Site Plan-08252008



Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

| ROUTING | |
|---------|--|
| 1. DJJ | |
| 2 CDW | |

X - Change of Operator (Well Sold)

Operator Name Change/Merger

| The operator of the well(s) listed below has changed, effective: | | | | 10/1/2008 | | | | |
|--|------------|---------|----------|--------------------|-------------------|----------------------|--------------|-------------------|
| FROM: (Old Operator): | | | | TO: (New O | perator): | | | |
| N3205-Integrated Energy, LLC. | | | | N3475-Genesis | | US, Inc. | | |
| 1137 19 Rd | | | | 140 W | 9000 S, Su | ite 9 | | |
| Fruita, CO 81521 | | | | Sandy, | UT 84070 | | | ·. |
| Phone: 1 (435) 722-5081 | | | | Phone: 1 (775) | 852-7444 | | | |
| CA N | 0. | | | Unit: | | | | |
| WELL NAME | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
| SEE ATTACHED LIST | | | | | | |] | <u> </u> |
| OPERATOR CHANGES DOCUMEN | TATI | ON | | | | | | |
| Enter date after each listed item is completed | | | | | | | | |
| 1. (R649-8-10) Sundry or legal documentation | was rece | eived f | rom the | FORMER ope | erator on: | 10/14/2008 | | |
| 2. (R649-8-10) Sundry or legal documentation | was rece | eived f | rom the | NEW operator | on: | 10/14/2008 | | |
| 3. The new company was checked on the Depa | rtment | of Cor | nmerce | e, Division of Co | orporation | s Database on: | _ | 5/28/2008 |
| 4a. Is the new operator registered in the State of | f Utah: | | | Business Numb | er: | 6448057-0142 | | |
| 4b. If NO, the operator was contacted contacted | d on: | | | - | | | _ | |
| 5a. (R649-9-2)Waste Management Plan has been | receive | d on: | | IN PLACE | | | | |
| 5b. Inspections of LA PA state/fee well sites con | nplete o | n: | | n/a | - | | | * * ** |
| 5c. Reports current for Production/Disposition & | z Sundri | es on: | | ok | - | | | |
| 6. Federal and Indian Lease Wells: The | | | e BIA l | as approved the | - e merger, na | me change, | | |
| or operator change for all wells listed on Fed | | | | | BLM | not yet | BIA | |
| 7. Federal and Indian Units: | | | | | | | | |
| The BLM or BIA has approved the succes | sor of un | it ope | rator fo | r wells listed on: | : | n/a | | |
| 8. Federal and Indian Communization | | _ | | | | | _ | |
| The BLM or BIA has approved the operat | - | | | | | n/a | | |
| 9. Underground Injection Control ("UI | C") | | The D | ivision has appro | oved UIC F | orm 5, Transfei | of Autho | rity to |
| Inject, for the enhanced/secondary recovery | unit/pro | ject fo | r the w | ater disposal we | ll(s) listed o | on: | 7/1/2008 | 3_ |
| DATA ENTRY: | | | | | | | | |
| 1. Changes entered in the Oil and Gas Databa | se on: | | | 10/16/2008 | _ | | | |
| 2. Changes have been entered on the Monthly | Operato | or Cha | ange Sp | | | 10/16/2008 | | |
| 3. Bond information entered in RBDMS on: | | | | 10/16/2008 | - | | | |
| 4. Fee/State wells attached to bond in RBDMS | | | | 10/16/2008 | - | | | |
| 5. Injection Projects to new operator in RBDM6. Receipt of Acceptance of Drilling Procedure | | D/Nes | w.on. | n/a | - n/a | | | |
| BOND VERIFICATION: | S IOI AI | DITION | w OH. | | | _ | | |
| Federal well(s) covered by Bond Number: | | | | UTB000331 | | | | |
| Indian well(s) covered by Bond Number: | | | | n/a | - | | | |
| 3a. (R649-3-1) The NEW operator of any fee | vell(s) li | sted co | overed 1 | | - r | 3525790 & 3525857 | _ | |
| COMMENTO | | | • | | · | | | · |
| COMMENTS: | | | | | | | | |

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

(5/2000)

| | | • | • | **** | ٦ |
|--|--|---|---|------|---|
| | | | | | |

| DIV | 5. LEASE DESIGNA SEE ATTAC | TION AND SERIAL NUMBER: | | | |
|--|---|--------------------------------|----------------------------------|------------------|--|
| SUNDRY N | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: | | | | |
| Do not use this form for proposals to drill new we | 7. UNIT or CA AGR | EEMENT NAME: | | | |
| 1. TYPE OF WELL OIL WELL. | GAS WELL . OTHER_ | orni or oddi. propode | | 8. WELL NAME and | NUMBER: |
| 2. NAME OF OPERATOR: | 11300 | | | 9. API NUMBER: | |
| Integrated Energy LLC 3. ADDRESS OF OPERATOR: | N3205 | | PHONE NUMBER: | 10. FIELD AND PO | OL, OR WILDCAT: |
| | uita STATE CO ZIF | | (970) 234-8095 | | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTA | ACUED | | | COUNTY: EME | over energy |
| FOUTAGES AT SURFACE. OLL ATTE | | | | COONIT. | 48000000000000000000000000000000000000 |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, N | ÆRIDIAN: | | | STATE: | UTAH |
| 11. CHECK APPROP | PRIATE BOXES TO INDICAT | TE NATURE (| OF NOTICE, REPO | RT, OR OTHE | R DATA |
| TYPE OF SUBMISSION | | TY | PE OF ACTION | | |
| □ NOTICE OF INTENT | ACIDIZE | DEEPEN | | REPERFO | RATE CURRENT FORMATION |
| (Submit In Duplicate) | ALTER CASING | FRACTURE | | _ | K TO REPAIR WELL |
| Approximate date work will start: | CASING REPAIR | NEW CONST | | · | RILY ABANDON |
| | CHANGE TO PREVIOUS PLANS CHANGE TUBING | DPERATOR PLUG AND A | | UENT OR F | |
| ✓ SUBSEQUENT REPORT | CHANGE VOLL NAME | PLUG BACK | | ☐ WATER DI | |
| (Submit Original Form Only) | CHANGE WELL STATUS | | ON (START/RESUME) | ☐ WATER SH | |
| Date of work completion: | COMMINGLE PRODUCING FORMATIONS | | ON OF WELL SITE | OTHER: C | HANGE OF |
| | CONVERT WELL TYPE | RECOMPLET | TE - DIFFERENT FORMATION | | PERATOR |
| The successor Operator for the Genesis Petroleum US Inc. PO Box 18148 Reno, NV 89511 775 852 7444 Genesis Petroleum US Inc. St Genesis Petroleum US Inc. hallist of Wells Attached Effective October 1, 2008 | N 3475 satewide BLM Bond UTB 000 | 331 will be us ate wells. # | ed for these wells. \$3525790 | and # s | 3525857 |
| NAME (PLEASE PRINT) Wayne Stout SIGNATURE | Stout | TITLE | 10/9/2008 | | |
| This space for State use only) | | | | REC | FINED |
| APPROVE | D 101/612008 | | | OCT | 1 4 2008 |
| (5/2000) Carlen Division of Oil, | e Russell | ructions on Reverse Si | ide) | DIV. OF OI | ., GAS & MINING |

STATE OF UTAHDEPARTMENT OF NATURAL RESOURCES

| • | FORM 9 |
|--------|--|
| | 5. LEASE DESIGNATION AND SERIAL NUMBER: SEE ATTACHED |
| | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| or to | 7. UNIT or CA AGREEMENT NAME: |
| | 8. WELL NAME and NUMBER: |
| | 9. API NUMBER: |
| 1 | 10. FIELD AND POOL, OR WILDCAT: |
| | COUNTY: EMERY |
| | STATE: UTAH |
| PO | RT, OR OTHER DATA |
| | |
| | REPERFORATE CURRENT FORMATION |
| | SIDETRACK TO REPAIR WELL |
| | TEMPORARILY ABANDON |
| | TUBING REPAIR |
| | VENT OR FLARE |
| | WATER DISPOSAL |
| | WATER SHUT-OFF |
| | OTHER: CHANGE OF OPERATOR |
| TION. | OPERATOR |
| volume | es, etc. |
| | $(\mathbf{h}_{i},$ |
| | |
| | |
| | |
| | |
| lls. | • |
| 90 | + #35 25 857 |

| DIVISION OF OIL, GAS AND MINING | 5. LEASE DESIGNATION AND SERIAL NUMBER: SEE ATTACHED |
|--|--|
| SUNDRY NOTICES AND REPORTS ON WELLS | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged well drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | 7. UNIT or CA AGREEMENT NAME: |
| 1. TYPE OF WELL OIL WELL GAS WELL OTHER | 8. WELL NAME and NUMBER: |
| 2. NAME OF OPERATOR: GENESIS PETROLEUM US INC. N3475 | 9. API NUMBER: |
| 3. ADDRESS OF OPERATOR: PO BOX 18148 CITY RENO STATE NV ZIP 89511 PHONE NUMBER: (775) 852-74 | 10. FIELD AND POOL, OR WILDCAT: |
| 4. LOCATION OF WELL | |
| FOOTAGES AT SURFACE: SEE ATTACHED | COUNTY: EMERY |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, I | REPORT, OR OTHER DATA |
| TYPE OF SUBMISSION TYPE OF ACTION | |
| ACIDIZE DEEPEN NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: CASING REPAIR CHANGE TO PREVIOUS PLANS DEEPEN FRACTURE TREAT NEW CONSTRUCTION OPERATOR CHANGE | REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR |
| CHANGE TUBING USUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: CHANGE WELL NAME CHANGE WELL STATUS PRODUCTION (START/RESUME) COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FOR | VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF OTHER: CHANGE OF OPERATOR |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depth. The successor Operator for these wells will be: | s, volumes, etc. |
| Genesis Petroleum US Inc. PO Box 18148 Reno, NV 89511 | |
| 775 852 7444 | |
| Genesis Petroleum US Inc Statewide BLM Bond UTB 000331 will be used for these v Genesis Petroleum US Inc. has full cost bonding for the State wells. | |
| Genesis Petroleum US Inc. has full cost bonding for the State wells. # 3525° List of Wells Attached | 790 + #35 25 857 |
| Effective October 1, 2008 | |
| Effective October 1, 2000 | |
| | |
| NAME (PLEASE PRINT) Tariq Ahmad TITLE Petroleum | Engineer/Agent |
| SIGNATURE | |
| (This space for State use only) APPROVED /01/6/2008 | RECEIVED |

Carlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000)

OCT 1 4 2008

DIV. OF OIL, GAS & MINING

| Lease | | | | | |
|---------|-----------|-------------------|-----------|----------|------------|
| Type | Lease # | Well Name | API NO | County | Location |
| State | 51327 OBA | State 36-13 | 430073008 | 4 Carbon | 36-15S-12E |
| State | 51327 OBA | Grassy Trail 36-2 | 430073010 | 3 Carbon | 36-15S-12E |
| Federal | UTU41364 | Federal 1 | 430151560 | 4 Emery | 1-16S-12E |
| Federal | UTU43778 | Federal 11-33 | 430153009 | 7 Emery | 11-16S-12E |
| State | 51328 OBA | State 2-43X | 430153010 | 0 Emery | 2-16S-12E |
| Federal | UTU43778 | Federal 11-41 | 430153011 | 8 Emery | 11-16S-12E |
| Federal | UTU43778 | Federal 11-13 | 430153012 | 0 Emery | 11-16S-12E |
| Federal | UTU43777 | Federal 4-32 | 430153012 | 1 Emery | 4-162-12E |
| Federal | UTU43778 | Federal 14-11 | 430153013 | 8 Emery | 14-16S-12E |
| Federal | UTU43778 | Federal 12-13 | 430153014 | 2 Emery | 12-16S-12E |
| Federal | UTU43778 | Federal 11-11 | 430153014 | 9 Emery | 11-16S-123 |
| Federal | UTU43778 | Federal 11-42 | 430153016 | 7 Emery | 11-16S-12E |
| Federal | UTU43778 | Federal 11-23 | 430153017 | 0 Emery | 11-16S-12E |
| Federal | UTU43778 | Federal 11-43 | 430153017 | 2 Emery | 11-16S-12E |
| Federal | UTU41364 | Federal 1-14 | 430153018 | 0 Emery | 1-16S-12E |
| State | 51328 OBA | State 2-23 | 430153011 | 1 Emery | 2-16S-12E |

. .



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Price Field Office 125 South 600 West Price, Utah 84501 http://www.blm.gov/utah/price/



OCT 14 2008

IN REPLY REFER TO: 3160 LLUTG0210000 UTU-41364, UTU-43777, UTU-43778

Mr. Tariq Ahmad Genesis Petroleum US Inc. P.O. Box 18148 Reno, NV 89511

Re:

Change of Operator

Lease No. UTU-41364, UTU-43777, & UTU-43778

Dear Mr. Ahmad:

This correspondence is in regard to the self-certification statement submitted requesting a change of operator for twelve wells located listed in Exhibit A. After a review by this office, the change of operator request is approved. Effective immediately, Genesis Petroleum US Inc., is responsible for all operations performed on the above referenced well. Genesis Petroleum US Inc. also assumes all responsibility for the ongoing oil theft investigation regarding well no. Federal 12-13. All liability will now fall under your bond, BLM Bond No. UTB000331, for all operations conducted on the referenced wells on the leased lands.

If you have any other questions regarding this matter, please contact Katie Nash of this office at (435) 636-3614.

Sincerely,

/s/ Michael Stiewig

Michael Stiewig Field Manager

Enclosure

cc:

UDOGM

Integrated Energy, LLC

RECEIVED OCT 2 0 2008

DIV. OF OIL, GAS & MINING

EXHIBIT A

| API# | Lease # | Well Name | Type | County | Sec. | T. (S) | R. (E) |
|--------------|-----------|---------------|------|--------|------|--------|--------|
| 43-015-15604 | UTU-41364 | Federal 1 | Oil | Emery | 1 | 16 | 12 |
| 43-015-30097 | UTU-43778 | Federal 11-33 | Oil | Emery | 11 | 16 | 12 |
| 43-015-30118 | UTU-43778 | Federal 11-41 | Oil | Emery | 11 | 16 | 12 |
| 43-015-30120 | UTU-43778 | Federal 11-13 | Oil | Emery | 11 | 16 | 12 |
| 43-015-30121 | UTU-43777 | Federal 4-32 | Oil | Emery | 4 | 16 | 12 |
| 43-015-30138 | UTU-43778 | Federal 14-11 | Oil | Emery | 14 | 16 | 12 |
| 43-015-30142 | UTU-43778 | Federal 12-13 | Oil | Emery | 12 | 16 | 12 |
| 43-015-30149 | UTU-43778 | Federal 11-11 | Oil | Emery | 11 | 16 | 12 |
| 43-015-30167 | UTU-43778 | Federal 11-42 | Oil | Emery | 11 | 16 | 12 |
| 43-015-30170 | UTU-43778 | Federal 11-23 | Oil | Emery | 11 | 16 | 12 |
| 43-015-30172 | UTU-43778 | Federal 11-43 | Oil | Emery | 11. | 16 | 12 |
| 43-015-30180 | UTU-41364 | Federal 1-14 | Oil | Emery | 1 | 16 | 12 |

| Form | 3160-5 |
|--------|--------|
| (April | 2004) |

UNITED STATES

FORM APPROVED

| | DEPARTMENT OF THE BUREAU OF LAND MA | | Y | Expires: | March 31, 2007 |
|---|---|--------------------------------|-----------------------------|--|---------------------------|
| | | | | 5. Lease Serial No. | |
| Do not use t | NOTICES AND RE his form for proposals vell. Use Form 3160-3 | to drill or to | re-enter an | 6. If Indian, Allotte | e or Tribe Name |
| | RIPLICATE- Other ins | tructions on r | everse side. | 7. If Unit or CA/Ag | reement, Name and/or No. |
| 1. Type of Well Oil Well | Gas Well Other | | | | |
| | | | | 8. Well Name and N | lo. |
| 2. Name of Operator Genesis Petr | oleum US Inc. | | | 9. API Well No. | |
| 3a Address PO Box 18148, Reno, Nevada | 89511 | 3b. Phone No. (i. 775 852 7444 | nclude area code) | | |
| 4. Location of Well (Footage, Sec., | | | | 10. Field and Pool, o Grassy Trails | r Exploratory Area |
| See attached Exhibit A | en, en, en, en en rey Description, | | | 11. County or Parish | , State |
| | | | | Emery, Utah | |
| 12. CHECK A | PPROPRIATE BOX(ES) TO |) INDICATE NA | TURE OF NOTICE | REPORT, OR OTHE | R DATA |
| TYPE OF SUBMISSION | | | TYPE OF ACTION | , | |
| | Acidize | Deepen | Production (S | Start/Resume) Wa | ter Shut-Off |
| Notice of Intent | Alter Casing | Fracture Treat | Reclamation | | ll Integrity |
| Subsequent Report | Casing Repair | New Construc | | ∠ Otl | er Change of Operator |
| Final Abandonment Notice | Change Plans Convert to Injection | Plug and Aban Plug Back | don Temporarily A | _ | |
| determined that the site is ready Genesis Petorleum US inc. on the leased lands, or por | , as the new operator states the tions tereof. | filed only after all re | quirements, including recla | mation, have been complet | ted, and the operator has |
| Genesis Petroleum US Inc | Statewide Bond UTB 000331 | will be used for t | hese wells. | | |
| List of wells is attached as | exhibit A. | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | 0 17 |
| | | | | | N I |
| | | | | | 2 05 |
| 4. I hereby certify that the foreg Name (Printed/Typed) | oing is true and correct | | | | N A |
| | cla Auma | O Title | Agent/Petroleum Eng | gineer | 93 |
| Signature | m Alex | Date | e (| 09/19/2008 | |
| | THIS SPACE FOR F | EDERAL OF | STATE OFFICE | USE | |
| 11/1/19 | | | TELD MANA | 255 | OCT 4 & anno |
| approved by conditions of approval, if any, are at | tached Approval of this action | | Title | Date & | OCT 1 4 2008 |
| write that the applicant helds lead | action. Approval of this notice of | ioes not waitant or | DE | ICE EIEI D | SELCE |

certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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OCT 2 0 2008

Exhibit A

| Lease Type | Lease # | Well Name | Well Type | County | Location | Utah Entity# |
|---------------|----------|---------------|-----------|--------|------------|-----------------|
| Federal | UTU41364 | Federal 1 | Oil | Emery | 1-16S-12E | 635 |
| Esderal | UTU41364 | Federal 2 | -O# | Emery | 1-163-12E | 635 |
| Federal | UTU43778 | Federal 11-33 | Oil | Emery | 11-16S-12E | 6435 |
| Federal | UTU43778 | Federal 11-41 | Oil | Emery | 11-16S-12E | 6450 |
| Federal | UTU43778 | Federal 11-13 | Oil | Emery | 11-16S-12E | 6455 |
| Federal | UTU43777 | Federal 4-32 | Oil | Emery | 4-162-12E | 6460 |
| Federal | UTU43778 | Federal 14-11 | Oil | Emery | 14-16S-12E | 6475 |
| Federal | UTU43778 | Federal 12-13 | Oil | Emery | 12-16S-12E | 6485 |
| Federal | UTU43778 | Federal 11-11 | Oil | Emery | 11-16S-123 | 6490 |
| Federal | UTU43778 | Federal 11-42 | Oil | Emery | 11-16S-12E | 6495 |
| Federal | UTU43778 | Federal 11-23 | Oil | Emery | 11-16S-12E | 6500 |
| Federal | UTU43778 | Federal 11-43 | Oil | Emery | 11-16S-12E | 6431 |
| Federal | UTU41364 | Federal 1-14 | Oil | Emery | 1-16S-12E | 9575 |

| FORM APPROVED | |
|------------------------|--|
| OMB No. 1004-0137 | |
| Expires: March 31, 200 | |

| | UNITED STAT DEPARTMENT OF TI | HE INTERIOR | | FORM A OMB No Expires: N | PPROVED . 1004-0137 farch 31, 2007 |
|--|--|--|---|---|---|
| | BUREAU OF LAND M | | | 5. Lease Serial No. | 1 1 |
| | NOTICES AND F | | | 6. If Indian, Allottee | Ched |
| Do not use the abandoned w | his form for proposal rell. Use Form 3160 - 3 | s to drill or to re- 3 (APD) for such pi | enter an roposais. | o. II midial, Anotice | JI THOG INMING |
| | IPLICATE- Other in | structions on reve | rse side. | 7. If Unit or CA/Agre | ement, Name and/or No. |
| 1. Type of Well Oil Well □ | Gas Well 🗆 🔽 Othe | r . | | 8. Well Name and No | |
| 2. Name of Operator Fitted 3a. Address | nated End | Bb. Phone No. (include | le area code) | 9. API Well No. | |
| 1/37 /9K | d Fracta Co | 970-239 | | 10. Field and Pool, or | Exploratory Area |
| 4. Location of Well (Footage, Sec., | 1., K., M., or Survey Description | <i>yn)</i> | | 11. County or Parish, | State |
| | | | | | |
| 12. CHECK A | PPROPRIATE BOX(ES) | TO INDICATE NATU | RE OF NOTICE, RE | EPORT, OR OTHER | DATA |
| TYPE OF SUBMISSION | | TY | PE OF ACTION | | |
| Notice of Intent | Acidize Alter Casing | Deepen Fracture Treat | Production (Star Reclamation | Wel | er Shut-Off Integrity |
| Subsequent Report | Casing Repair | New Construction | Recomplete | Oth | 1 Change |
| Final Abandonment Notice | Change Plans Convert to Injection | Plug and Abandon Plug Back | Temporarily Abs | ındon | of Geratos |
| 13. Describe Proposed or Complet If the proposal is to deepen dire Attach the Bond under which the following completion of the inv testing has been completed. Fit determined that the site is ready | ectionally or recomplete horizor the work will be performed or provolved operations. If the operational Abandonment Notices shall | ntally, give subsurface location rovide the Bond No. on filetion results in a multiple com- | ons and measured and true with BLM/BIA. Required pletion or recompletion in | e vertical depths of all per d subsequent reports shal a new interval, a Form 3 | tinent markers and zones. I be filed within 30 days 160-4 shall be filed once |
| | requests release & | Sept 3, 20 a Chana | 08 Integ | rated En | ergy LIC |
| | release ! | Bond H U | 4R0000 | he | -case |
| | The New | Operatos | Will be | benesis | USA Inc |
| | The New- 1040 W. | 9000 S. S | andy U | tah | |
| 14. I hereby certify that the fore Name (Printed/Typed) | going is true and correct | | _ | | |
| WAYNE | STOUT | Title | mar. | | |
| Signature Wayne | Stout | Date | Sept. 5, 08 | | |
| | THIS SPACE FOI | | | | |
| Approved by | | Ī | IELD MANA | GER Date 00 | T 1 4 2008 |

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

PRICE FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

OCT 2 0 2008



| Grassy | Trail | Field |
|--------|-------|-------|
|--------|-------|-------|

Exhibit A Well List

| | | | Lease | | | | | | Utah |
|-----|----|--------------------|---------|----------|-------------------|-----------|-----------|------------|-----------|
| | | API# | Type | Lease# | Well Name | Well Type | County | Location | Entity# |
| - | 1 | 43-007-30084-00-00 | State | | State 36-13 | Oil | Carbon | 36-15S-12E | 6430 |
| 2 | 2 | 43-007-30103-00-00 | State | | Grassy Trail 36-2 | Oil | Carbon | 36-15S-12E | 9577 |
| . 3 | 3 | 43-015-15604-00-00 | Federal | UTU41364 | Federal 1 | Oil | Emery | 1-16S-12E | 635 |
| . 4 | 4 | 43-015-15607-00-00 | Federal | UTU41364 | Federal 2 | Oil | Emery | 1-16S-12E | 635 |
| | 5 | 43-015-30097-00-00 | Federal | UTU43778 | Federal 11-33 | Oil | Emery | 11-16S-12E | 6435 |
| (| 3 | 43-015-30100-00-00 | State | | State 2-43X | Oil | Emery | 2-16S-12E | 6440 |
| { | 3 | 43-015-30118-00-00 | Federal | UTU43778 | Federal 11-41 | Oil | Emery | 11-16S-12E | 6450 |
| ξ | 3 | 43-015-30120-00-00 | Federal | UTU43778 | Federal 11-13 | Oil | Emery | 11-16S-12E | 6455 |
| 1 | 10 | 43-015-30121-00-00 | Federal | UTU43777 | Federal 4-32 | Oil | Emery | 4-162-12E | 6460 |
| . 1 | 11 | 43-015-30138-00-00 | Federal | UTU43778 | Federal 14-11 | Oil | Emery | 14-16S-12E | 6475 |
| 1 | 12 | 43-015-30142-00-00 | Federal | UTU43778 | Federal 12-13 | Oil | Emery | 12-16S-12E | 6485 |
| .1 | 13 | 43-015-30149-00-00 | Federal | UTU43778 | Federal 11-11 | Oil | Emery | 11-16S-123 | 6490 |
| _ 1 | 4 | 43-015-30167-00-00 | Federal | UTU43778 | Federal 11-42 | Oil | Emery | 11-16S-12E | 6495 |
| 1 | 5 | 43-015-30170-00-00 | Federal | UTU43778 | Federal 11-23 | Oil | Emery | 11-16S-12E | 6500 |
| 1 | 6 | 43-015-30172-00-00 | Federal | UTU43778 | Federal 11-43 | Oil | Emery | 11-16S-12E | 6431 |
| 1 | 17 | 43-015-30180-00-00 | Federal | UTU41364 | Federal 1-14 | Oil | Emery | 1-16S-12E | 9575 |
| 7 | 7 | 43-015-30111-00-00 | State | | State 2-23 | Active | Water dis | | 2-16S-12E |

The Sale State Sta

DIV OF OIL BAS & MINIM

SATVIEW BROADBAND

03/03

Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

| FORM APPROVED |
|------------------------|
| OM B No. 1004-0137 |
| Expires: March 31, 200 |

| 5. | Lea | se Seria | l No. |
|----|-----|----------|-------|
| | TT. | 42770 | |

| SHINDS | NOTICES AND REI | • | WIE | 5. Lease U-4 3 | Serial No. 3778 |
|---|--|---|--|---|--------------------------------------|
| Do not use t | his form for proposals a vell. Use Form 3160 - 3 (| o drill or to | re-enter an | | dian, Allottee or Tribe Name |
| | RIPLICATE- Other inst | ructions on r | everse side. | 7. If Un | nit or CA/Agreement, Name and/or No. |
| 1. Type of Well ✓ Oil Well | Gas Well Other | | | 8. Well | Name and No. |
| 2. Name of Operator Integrated 1 | Energy LLC | | | Fed | leral 12-13 |
| 3a. Address | - 00 | 3b. Phone No. (| include area code) | | Well No. 015-30142 |
| 1137 19 Road, Fruita CO 815 | | 970 234 8095 | 5 | | d and Pool, or Exploratory Area |
| 4. Location of Well (Footage, Sec. 662 1/2 FWL 1978 FSL, NW | , 1., k., M., or survey Description) I/4SW1/4 SEC 12 T16S R12E S | SLM | · | 11. Cou | inty or Parish, State ery, Utah |
| 12. CHECK A | APPROPRIATE BOX(ES) TO | INDICATE NA | ATURE OF NOTI | CE, REPORT, | OR OTHER DATA |
| TYPE OF SUBMISSION | | | TYPE OF ACTION | ON . | |
| Notice of Intent Subsequent Report | Acidize Alter Casing Casing Repair | Deepen Fracture Treat New Construc | Reclam | | Water Shut-Off Well Integrity Other |
| Final Abandonment Notice | Change Plans Convert to Injection | Plug and Abai | | arily Abandon Disposal | |
| Attach the Bond under which following completion of the in testing has been completed. Federmined that the site is read The Federal 12-13 is a prat 3445 feet. Two horizons "Lateral #2" which is Estimated Start Date: Defootages/Legals for Late Kick Off Point (KOP): 3 Proposed Vertical Depth Total Measured Depth: 4 Footages/Legals For Late Kick Off Point (KOP): 3 Proposed Vertical Depth Total Measured Depth: 4 Footages/Legals For Late Kick Off Point (KOP): 3 Proposed Vertical Depth Total Measured Depth: Procedure: See Attached Please Refer to Attached | the work will be performed or provivolved operations. If the operation in all Abandonment Notices shall be by for final inspection.) roducing oil well. Integrated printal legs will be drilled. The first the SE leg. eccember 20, 2007 5402 for ral #1 NW Leg Bottoms hole at 075.2 TMD & TVD: 3475 TVD 1841.9 TMD 1841.9 TMD 225.2: TMD & TVD 54115 4781.9 TMD 436 for Horizont for Horizont Program for Horizont Program for Horizont Program of the program for Horizont Program of the prog | ide the Bond No. or results in a multiple filed only after all reproposes to results will be refered at will be refered at 2366 FSL & 78 re 2366 FSL & 21 T X | n file with BLM/BIA. c completion or recomequirements, including the existing well to as "Lateral #1" 303 \ 39 \ 4 | Required subsequent pletion in a new integration, have bore and drill how which is the NV 47228 c 11, T168 R12E | |
| 14. I hereby certify that the for Name (Printed/Typed) | regoing is true and correct | 1 | | | nde ila |
| Taria Ahmad | M 70 . | T | itle Petroleum Eng | gineer | |
| Signature | ry Ald | | ate | | No. |
| m. | THIS SPACE FOR | FEDERAL C | R STATE OF | FICE USE | |
| Approved by Conditions of approval, if art, arc certify that the applicant holds less | attached. Approval of this notice all praquitable title to those rights | -BRAD | LEY'G. HI | LL GER | Date |
| which would entitle the applicant | to conduct operations thereon | · · | 511100 | Į. | |

(Instructions on page 2)

Rederal Approval of this Action is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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Federal 12-13 – Lateral # 1 & #2 procedure

BOP: 3M

Lateral #1

- 1. MIRU
- 2. Set CIBP at 3370 feet
- 3. Dump-bail 35 feet of cement on top of lower CIBP
- 4. Set whipstock and cut a window in the 7 5/8 inch casing at KOP (3075 TMD)
- 5. Build angle at $\sim 14.3/100$ ft to 90, 270 degrees azimuth
- 6. Once landed in zone, drill ~ 1100 feet laterally, TD at 4773 feet TMD
- 7. No casing will be run, therefore no cement.
- 8. The mud system will be a KCL weighted water base mud. Mud weights wil be 8.7 to 9.2 ppg.(As hole conditions warrant)

Lateral #2

- 1. Set whipstock at 2nd KOP and cut a window in the 7 5/8 casing at 3025' TMD.
- 2. Build angle at $\sim 12/100$ ft. to 90 degrees, 105 degrees azimuth.
- 3. Once landed in zone, drill ~ 1100 feet laterally, TD at 4751.9 TMD
- 4. No casing will be run, therefore, no cement.
- 5. The mud system will be a KCL weighted water base mud. Mud weights will be 8.7 to 9.2 ppg.(As hole conditions warrant)
- 6. The lateral will be left as open hole.
- 7. All plugs used for depth control will be removed from wellbore prior to turning to production.
- 8. CIBP will be left in pace to be used for future lateral legs in other directions.

Width of both laterals: The drill bit and hole size will be 6 1/8". A workover pit will be dug out on location.

Federal 12-13 Grassy Trail Field Sec 12, T16S R12E

30" @ 60' 8 yds Redimix Open Hole Completion $10\frac{3}{4}40.5\#@657$ ' 635 sx cl H + 2% CacC2 7 5/8" 26.4# @3390' 650 sx RFC cont. 61/4 sx Kolite Lateral KOP 3435. A zone 459' Lateral KOP 3750. A zone 461' Lateral KOP 3760. A zone 291' 6 '/4 " Open hole TD 3760'



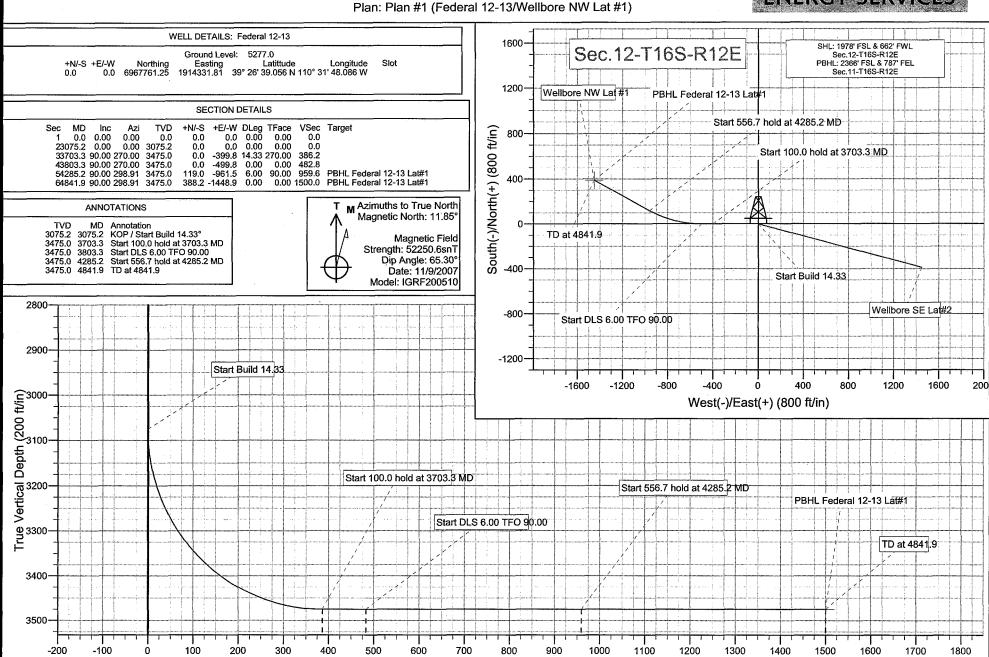
Company: Genesis Energy (USA) Inc.

Field: Emery Co., UT Location: Sec.12-T16S-R12E

Well: Federal 12-13

Wellbore NW Lat #1





Vertical Section at 285.00° (200 ft/in)

Genesis Energy (USA) Inc.

Emery Co., UT Sec.12-T16S-R12E Federal 12-13 Wellbore NW Lat #1

Plan: Plan #1

Pathfinder Planning Report

09 November, 2007



Pathfinder Energy Services

Planning Report



Database: Company: EDM 2003.16 Single User Db

Project:

Genesis Energy (USA) Inc.

Site:

Emery Co., UT Sec.12-T16S-R12E

Well: Wellbore: Federal 12-13 Wellbore NW Lat #1

Design:

Plan #1

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference:

Survey Calculation Method:

Well Federal 12-13

WELL @ 5290.0ft (Original Well Elev) WELL @ 5290.0ft (Original Well Elev)

Minimum Curvature

Project

Emery Co., UT

Map System:

US State Plane 1983 North American Datum 1983

Geo Datum: Map Zone:

Utah Central Zone

System Datum:

Mean Sea Level

Site

Sec.12-T16S-R12E

Site Position:

Lat/Long

Northing:

6,967,761.25 ft

Latitude:

39° 26′ 39.056 N

From: **Position Uncertainty:**

0.0 ft

Easting: Slot Radius: 1,914,331.81 ft

Longitude: Grid Convergence: 110° 31' 48.086 W

0.62°

Well

Federal 12-13

+N/-S

+E/-W

Well Position

0.0 ft 0.0 ft Northing: Easting:

6,967,761.25 ft Latitude: Longitude: 39° 26' 39.056 N

Position Uncertainty

0.0 ft

Wellhead Elevation:

11/9/2007

1,914,331.81 ft ft

11.85

Ground Level:

110° 31' 48.086 W

5,277.0 ft

52,251

Wellbore

Wellbore NW Lat #1

Magnetics

Model Name

IGRF200510

Sample Date

Declination (°)

Dip Angle

Field Strength

(nT)

Plan #1

Design **Audit Notes:**

Version:

Phase:

PROTOTYPE

Tie On Depth:

0.0

65.30

Depth From (TVD)

+N/-S

+E/-W

Direction

Vertical Section:

(ft) 0.0

(ft) 0.0

(ft) 0.0

(°) 285.00

| lan Sections | | | | | | | | 148. aug | | |
|--------------|-------------|---------|----------|-------|----------|-----------|-----------|-----------|--------|--------------------|
| Measured | | | Vertical | | | Dogleg | Build | Turn | | |
| Depth | Inclination | Azimuth | Depth | +N/-S | +E/-W | Rate | Rate | Rate | TFO | alikina atima |
| (ft) | (°) | (°) | (ft) | (ft) | (ft) | (°/100ft) | (°/100ft) | (°/100ft) | (°) | Target |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3,075.2 | 0.00 | 0.00 | 3,075.2 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3,703.3 | 90.00 | 270.00 | 3,475.0 | 0.0 | -399.8 | 14.33 | 14.33 | 0.00 | 270.00 | |
| 3,803.3 | 90.00 | 270.00 | 3,475.0 | 0.0 | -499.8 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4,285.2 | 90.00 | 298.91 | 3,475.0 | 119.0 | -961.5 | 6.00 | 0.00 | 6.00 | 90.00 | PBHL Federal 12-13 |
| 4,841.9 | 90.00 | 298.91 | 3,475.0 | 388.2 | -1,448.9 | 0.00 | 0.00 | 0.00 | 0.00 | PBHL Federal 12-13 |

Pathfinder Energy Services

Planning Report



Database:

EDM 2003.16 Single User Db

Company: Project:

Genesis Energy (USA) Inc. Emery Co., UT

Site: Well: Sec.12-T16S-R12E Federal 12-13 Wellbore NW Lat #1

Wellbore:

Plan #1 Design:

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference: Survey Calculation Method: Well Federal 12-13

WELL @ 5290.0ft (Original Well Elev) WELL @ 5290.0ft (Original Well Elev)

Minimum Curvature

| Official account | | | | | | | | | |
|------------------|------------------|--------------------|----------|--------------|------------------|----------------|-----------|-----------|-----------|
| Measured | | 9441 LONG | Vertical | | | Vertical | Dogleg | Build | Turn |
| Depth | Inclination | Azimuth | Depth | +N/-S | +E/-W | Section | Rate | Rate | Rate |
| (ft) | (°) | (°) | (ft) | (ft) | (ft) | (ft) | (°/100ft) | (°/100ft) | (°/100ft) |
| KOP / Start | Build 14.33° | | | • • | | | | | |
| 3,075.2 | 0.00 | 0.00 | 3,075.2 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 3.55 | 270.00 | 3,100.0 | 0.0 | -0.8 | 0.7 | 14.33 | 14.33 | 0.00 |
| 3,125.0 | 7.14 | 270.00 | 3,100.0 | 0.0 | | | | | |
| 3,150.0 | 10.72 | | 3,124.9 | | -3.1 | 3.0 | 14.33 | 14.33 | 0.00 |
| | 10.72 | 270.00 | 3,149.6 | 0.0 | -7.0 | 6.7 | 14.33 | 14.33 | 0.00 |
| 3,175.0 | 14.30 | 270.00 | 3,174.0 | 0.0 | -12.4 | 12.0 | 14.33 | 14.33 | 0.00 |
| 3,200.0 | 17.88 | 270.00 | 3,198.0 | 0.0 | -19.3 | 18.7 | 14.33 | 14.33 | 0.00 |
| 3,225.0 | 21.47 | 270.00 | 3,221.5 | 0.0 | -27.7 | 26.8 | 14.33 | 14.33 | 0.00 |
| 3,250.0 | 25.05 | 270.00 | 3,244.5 | 0.0 | -37.6 | 36.3 | 14.33 | 14.33 | 0.00 |
| 3,275.0 | 28.63 | 270.00 | 3,266.8 | 0.0 | -48.9 | 47.2 | 14.33 | 14.33 | 0.00 |
| | | | | | | | | | |
| 3,300.0 | 32.21 | 270.00 | 3,288.3 | 0.0 | -61.5 | 59.5 | 14.33 | 14.33 | 0.00 |
| 3,325.0 | 35.80 | 270.00 | 3,309.1 | 0.0 | -75.5 | 73.0 | 14.33 | 14.33 | 0.00 |
| 3,350.0 | 39.38 | 270.00 | 3,328.9 | 0.0 | -90.8 | 87.7 | 14.33 | 14.33 | 0.00 |
| 3,375.0 | 42.96 | 270.00 | 3,347.7 | 0.0 | -107.2 | 103.6 | 14.33 | 14.33 | 0.00 |
| 3,400.0 | 46.54 | 270.00 | 3,365.4 | 0.0 | -124.8 | 120.6 | 14.33 | 14.33 | 0.00 |
| 3,425.0 | 50.13 | 270.00 | 3,382.1 | 0.0 | -143.5 | 138.6 | 14.33 | 14.33 | 0.00 |
| 3,450.0 | 53.71 | 270.00 | 3,397.5 | 0.0 | -163.2 | 157.6 | 14.33 | 14.33 | 0.00 |
| 3,475.0 | 57.29 | 270.00 | 3,411.6 | 0.0 | -183.8 | 177.5 | 14.33 | 14.33 | 0.00 |
| 3,500.0 | 60.87 | 270.00 | 3,424.5 | 0.0 | -205.2 | 198.2 | 14.33 | 14.33 | |
| 3,525.0 | 64.46 | 270.00 | 3,436.0 | 0.0 | -203.2 | 219.7 | | 14.33 | 0.00 |
| 0,020.0 | 04,40 | 270.00 | 3,430.0 | 0.0 | -221.4 | 219.1 | 14.33 | 14.33 | 0.00 |
| 3,550.0 | 68.04 | 270.00 | 3,446.0 | 0.0 | -250.3 | 241.8 | 14.33 | 14.33 | 0.00 |
| 3,575.0 | 71.62 | 270.00 | 3,454.6 | 0.0 | -273.8 | 264.4 | 14.33 | 14.33 | 0.00 |
| 3,600.0 | 75.20 | 270.00 | 3,461.8 | 0.0 | -297.7 | 287.6 | 14.33 | 14.33 | 0.00 |
| 3,625.0 | 78.79 | 270.00 | 3,467.4 | 0.0 | -322.1 | 311.1 | 14.33 | 14.33 | 0.00 |
| 3,650.0 | 82.37 | 270.00 | 3,471.5 | 0.0 | -346.7 | 334.9 | 14.33 | 14.33 | 0.00 |
| 3,675.0 | 85.95 | 270.00 | 3,474.0 | 0.0 | -371.6 | 358.9 | 14.33 | 14.33 | 0.00 |
| 3,700.0 | 89.53 | 270.00 | 3,475.0 | 0.0 | | | | | 0.00 |
| | | | 3,473.0 | 0.0 | -396.6 | 383.1 | 14.33 | 14.33 | 0.00 |
| | hold at 3703.3 N | | | | | | | | |
| 3,703.3 | 90.00 | 270.00 | 3,475.0 | 0.0 | -399.8 | 386.2 | 14.33 | 14.33 | 0.00 |
| | .00 TFO 90.00 | | | | | | | | |
| 3,803.3 | 90.00 | 270.00 | 3,475.0 | 0.0 | -499.8 | 482.8 | 0.00 | 0.00 | 0.00 |
| 3,850.0 | 90.00 | 272.80 | 3,475.0 | 1.1 | -546.6 | 528.2 | 6.00 | 0.00 | 6.00 |
| 3,900.0 | 90.00 | 275.80 | 3,475.0 | 4.9 | -596.4 | 577.4 | 6.00 | 0.00 | 6.00 |
| 3,950.0 | 90.00 | 278.80 | 3,475.0 | 11.3 | -596.4 -646.0 | 577.4 626.9 | | | |
| 4,000.0 | 90.00 | 281.80 | 3,475.0 | | | | 6.00 | 0.00 | 6.00 |
| 4,050.0 | 90.00 | 284.80 | | 20.2 | -695.2 | 676.7 | 6.00 | 0.00 | 6.00 |
| 4,100.0 | | | 3,475.0 | 31.7 45.7 | -743.8 -701.8 | 726.7 | 6.00 | 0.00 | 6.00 |
| 4,100.0 | 90.00 | 287.80 | 3,475.0 | 45.7 | -791.8 | 776.7 | 6.00 | 0.00 | 6.00 |
| 4,150.0 | 90.00 | 290.80 | 3,475.0 | 62.3 | -839.0 | 826.5 | 6.00 | 0.00 | 6.00 |
| 4,200.0 | 90.00 | 293.80 | 3,475.0 | 81.2 | -885.3 | 876.1 | 6.00 | 0.00 | 6.00 |
| 4,250.0 | 90.00 | 296.80 | 3,475.0 | 102.6 | -930.5 | 925.3 | 6.00 | 0.00 | 6.00 |
| | hold at 4285.2 N | | • | | · · | | | | |
| 4,285.2 | 90.00 | | 3,475.0 | 119.0 | -961.5 | 959.6 | 6.00 | 0.00 | 6.00 |
| 4,300.0 | 90.00 | 298.91 | 3,475.0 | 126.2 | -961.5 -974.5 | | | | |
| | | | | 120.2 | -3/4.0 | 974.0 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 90.00 | 298.91 | 3,475.0 | 174.6 | -1,062.1 | 1,071.1 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 90.00 | 298.91 | 3,475.0 | 222.9 | -1,149.6 | 1,168.1 | 0.00 | 0.00 | 0.00 |
| 4,600.0 | 90.00 | 298.91 | 3,475.0 | 271.3 | -1,237.1 | 1,265.2 | 0.00 | 0.00 | 0.00 |
| 4,700.0 | 90.00 | 298.91 | 3,475.0 | 319.6 | -1,324.7 | 1,362.3 | 0.00 | 0.00 | 0.00 |
| 4,800.0 | 90.00 | 298.91 | 3,475.0 | 368.0 | -1,412.2 | 1,459.3 | 0.00 | 0.00 | 0.00 |
| | | | | | | | | | |
| | | al 12-13 Lat#1 - P | | | | | | | |
| 4,841.9 | 90.00 | 298.91 | 3,475.0 | 388.2 | -1,448.9 | 1,500.0 | 0.00 | 0.00 | 0.00 |

Pathfinder Energy Services

Planning Report



Database:

EDM 2003.16 Single User Db

Company: Project:

Genesis Energy (USA) Inc.

Site:

Emery Co., UT Sec.12-T16S-R12E

Well:

Federal 12-13

Wellbore: Design:

Wellbore NW Lat #1

Plan #1

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference: **Survey Calculation Method:** Well Federal 12-13

WELL @ 5290.0ft (Original Well Elev) WELL @ 5290.0ft (Original Well Elev)

Minimum Curvature

| Target Name - hit/miss target - Shape | | | TVD (ft) | +N/-S (ft) | 1.4 | | Easting (ft) | Latitude | |
|---|------|------|-------------|---------------|----------|--------------|-----------------|------------------|------------------|
| PBHL Federal 12-13 Lat - plan hits target - Point | 0.00 | 0.00 | 3,475.0 | 388.2 | -1,448.9 | 6,968,133.74 | 1,912,878.79 | 39° 26′ 42.893 N | 110° 32' 6.557 W |

| Plan Annotation | | | | | Propries of the Control of the Contr |
|-----------------|---------------|---------------|-------|------------|--|
| 1 | | | | | 하는 그 불쾌경은 얼굴살물이 한번 호텔 기계는 생살물이라는 이 물이 |
| | Measured | Vertical | | oordinates | |
| | Depth (ft) | Depth (ft) | +N/-S | +E/-W | |
| 14.2.194 | | (ft) | (11) | (ft) | |
| | 3,075.2 | 3,075.2 | 0.0 | 0.0 | KOP / Start Build 14.33° |
| | 3,703.3 | 3,475.0 | 0.0 | -399.8 | Start 100.0 hold at 3703.3 MD |
| | 3,803.3 | 3,475.0 | 0.0 | -499.8 | Start DLS 6.00 TFO 90.00 |
| | 4,285.2 | 3,475.0 | 119.0 | -961.5 | Start 556.7 hold at 4285.2 MD |
| i | 4,841.9 | 3,475.0 | 388.2 | -1,448.9 | TD at 4841.9 |

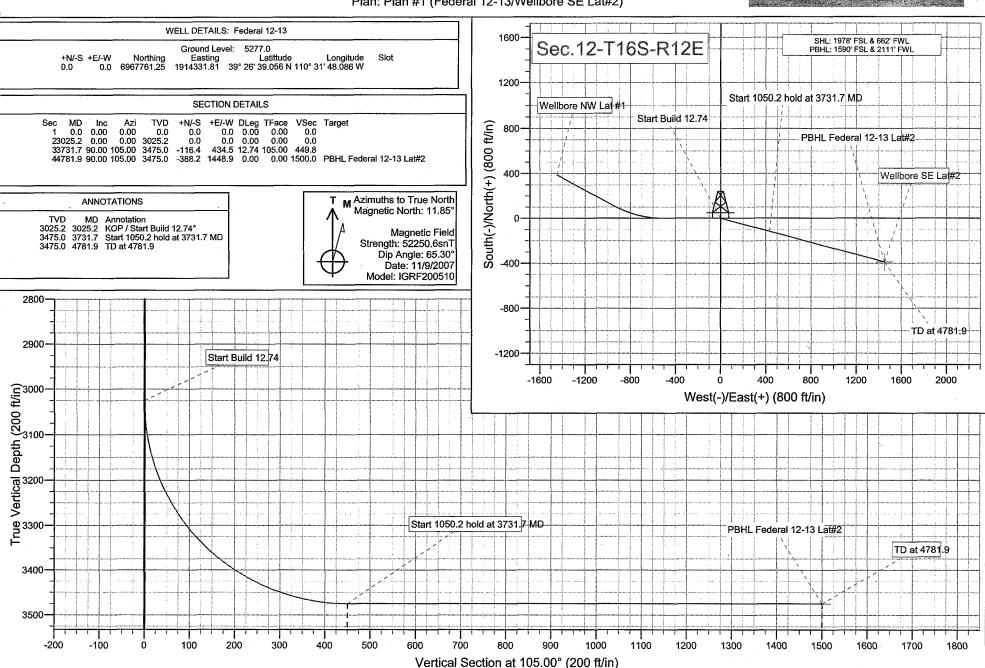
Company: Genesis Energy (USA) Inc.

Field: Emery Co., UT Location: Sec.12-T16S-R12E

Well: Federal 12-13 Wellbore SE Lat#2

Plan: Plan #1 (Federal 12-13/Wellbore SE Lat#2)





Genesis Energy (USA) Inc.

Emery Co., UT Sec.12-T16S-R12E Federal 12-13 Wellbore SE Lat#2

Plan: Plan #1

Pathfinder Planning Report

09 November, 2007



Planning Report



Database:

EDM 2003.16 Single User Db

Company: Project:

Genesis Energy (USA) Inc.

Site:

Emery Co., UT Sec.12-T16S-R12E

Well:

Federal 12-13 Wellbore SE Lat#2

Wellbore: Design:

Local Co-ordinate Reference:

TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Well Federal 12-13

WELL @ 5290.0ft (Original Well Elev) WELL @ 5290.0ft (Original Well Elev)

Minimum Curvature

Project

Emery Co., UT

Map System: Geo Datum:

US State Plane 1983 North American Datum 1983

Map Zone:

Utah Central Zone

System Datum:

Mean Sea Level

Site

Sec.12-T16S-R12E

Site Position:

Lat/Long

Northing: Easting:

6,967,761.25 ft 1,914,331.81 ft Latitude:

39° 26' 39.056 N

From: Position Uncertainty:

0.0 ft

Slot Radius:

Longitude: Grid Convergence: 110° 31' 48.086 W

0.62 °

Well

Federal 12-13

Well Position +N/-S +E/-W

0.0 ft 0.0 ft

Northing:

Easting:

11/9/2007

6,967,761.25 ft 1,914,331.81 ft

11.85

Latitude: Longitude: 39° 26' 39.056 N

Position Uncertainty

0.0 ft

Wellhead Elevation:

ft

Ground Level:

65.30

110° 31' 48.086 W

5,277.0 ft

Wellbore

Wellbore SE Lat#2

Magnetics

Model Name

IGRF200510

Sample Date

Declination (°)

Dip Angle (°)

Field Strength

(nT) 52,251

Design

Plan #1

Audit Notes:

Version:

Phase:

PROTOTYPE

Tie On Depth:

0.0

Vertical Section:

Depth From (TVD) (ft)

0.0

+N/-S (ft) 0.0

+E/-W (ft) 0.0

Direction (°) 105.00

| Plan Sections | | | | a portion of the | | ri septam iku M | | | Wales | ng general meng |
|---------------|-------------|---------|----------|------------------|---------|-----------------|----------------------|-----------|---------|--------------------|
| Measured | | | Vertical | | | Dogleg | Build | Turn | | |
| Depth | Inclination | Azimuth | Depth | +N/-S | +E/-W | Rate | Rate | Rate | TFO | |
| (ft) | (°) | (°) | (ft) | (ft) | (ft) | (°/100ft) | (°/100ft) | (°/100ft) | (°) | Target |
| 1 | | | 47 38 | | | | and the first series | | | |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3,025.2 | 0.00 | 0.00 | 3,025.2 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3,731.7 | 90.00 | 105.00 | 3,475.0 | -116.4 | 434.5 | 12.74 | 12.74 | 0.00 | 105.00 | |
| 4,781.9 | 90.00 | 105.00 | 3,475.0 | -388.2 | 1,448.9 | 0.00 | 0.00 | 0.00 | 0.00 PB | HL Federal 12-13 I |

Planning Report



Database: Company: EDM 2003.16 Single User Db

Project: Site: Genesis Energy (USA) Inc. Emery Co., UT Sec.12-T16S-R12E

Well: Wellbore:

Federal 12-13 Wellbore SE Lat#2

Wellbore: Wellbore
Design: Plan #1

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method: Well Federal 12-13

WELL @ 5290.0ft (Original Well Elev)
WELL @ 5290.0ft (Original Well Elev)

True

Minimum Curvature

| ned S | urvey | | | | | | | | | |
|-------|---------------|------------------|------------|-------------|------------------|---------|----------|-----------|-----------|-----------|
| | | | | | | | | | | |
| M | leasured | | | Vertical | | | Vertical | Dogleg | Build | Turn |
| | Depth | Inclination | Azimuth | Depth | +N/-S | +E/-W | Section | Rate | Rate | Rate |
| | (ft) | (°) | (°) | (ft) | (ft) | (ft) | (ft) | (°/100ft) | (°/100ft) | (°/100ft) |
| ŀ | KOP / Start E | Build 12.74° | | | | | | | | |
| | 3,025.2 | 0.00 | 0.00 | 3,025.2 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| | 3,050.0 | 3.16 | 105.00 | 3,050.0 | -0.2 | 0.7 | 0.7 | 12.74 | 12.74 | 0.00 |
| | 3,075.0 | 6.34 | 105.00 | 3,074.9 | -0.7 | 2.7 | 2.8 | 12.74 | 12.74 | 0.00 |
| | 3,100.0 | 9.53 | 105.00 | 3,099.7 | -1.6 | 6.0 | 6.2 | 12.74 | 12.74 | 0.00 |
| | 3,125.0 | 12.71 | 105.00 | 3,124.2 | -2.9 | 10.7 | 11.0 | 12.74 | 12.74 | 0.00 |
| | 3,150.0 | 15.90 | 105.00 | 3,148,4 | -4.5 | 16.6 | 17.2 | 12.74 | 12.74 | 0.00 |
| | 3,175.0 | 19.08 | 105.00 | 3,172.2 | -6.4 | 23.9 | 24.7 | 12.74 | 12.74 | 0.00 |
| | 3,200.0 | 22.27 | 105.00 | 3,195.6 | -8.7 | 32.4 | 33.5 | 12.74 | 12.74 | 0.00 |
| | 3,225.0 | 25.45 | 105.00 | 3,218.5 | -11.3 | 42.2 | 43.7 | 12.74 | 12.74 | 0.00 |
| | 3,250.0 | 28.64 | 105.00 | 3,240.8 | -14.2 | 53.1 | 55.0 | 12.74 | 12.74 | 0.00 |
| | 3,275,0 | 31.82 | 105.00 | 3,262.4 | -14.2 -17.5 | 65.3 | 67.6 | 12.74 | 12.74 | 0.00 |
| | 3,300.0 | 35.00 | 105.00 | 3,283.2 | -21.1 | 78.6 | 81.4 | 12.74 | 12.74 | 0.00 |
| | 3,325.0 | 38.19 | 105.00 | 3,303.3 | -21.1 -24.9 | 93.0 | 96.3 | 12.74 | 12.74 | 0.00 |
| | 3,350.0 | 41.37 | 105.00 | 3,322.5 | -24.9 -29.1 | 108.4 | 112.3 | 12.74 | 12.74 | 0.00 |
| | • | | | | | | | | | |
| | 3,375.0 | 44.56 | 105.00 | 3,340.8 | -33.5 | 124.9 | 129.3 | 12.74 | 12.74 | 0.00 |
| | 3,400.0 | 47.74 | 105.00 | 3,358.1 | -38.1 | 142.3 | 147.3 | 12.74 | 12.74 | 0.00 |
| | 3,425.0 | 50.93 | 105.00 | 3,374.4 | -43.0 | 160.6 | 166,3 | 12.74 | 12.74 | 0.00 |
| | 3,450.0 | 54.11 | 105.00 | 3,389.6 | -48.2 | 179.8 | 186.1 | 12.74 | 12.74 | 0.00 |
| | 3,475.0 | 57.30 | 105.00 | 3,403.7 | -53.5 | 199.7 | 206.8 | 12.74 | 12.74 | 0.00 |
| | 3,500.0 | 60.48 | 105.00 | 3,416.6 | -59.1 | 220.4 | 228.2 | 12.74 | 12.74 | 0.00 |
| | 3,525.0 | 63.66 | 105.00 | 3,428.3 | -64.8 | 241.7 | 250.3 | 12.74 | 12.74 | 0.00 |
| | 3,550.0 | 66.85 | 105.00 | 3,438.8 | -70.6 | 263.7 | 273.0 | 12.74 | 12.74 | 0.00 |
| | 3,575.0 | 70.03 | 105.00 | 3,448.0 | -76.7 | 286.1 | 296.2 | 12.74 | 12.74 | 0.00 |
| | 3,600.0 | 73.22 | 105.00 | 3,455.8 | -82.8 | 309.0 | 319.9 | 12.74 | 12.74 | 0.00 |
| | 3,625.0 | 76.40 | 105.00 | 3,462.4 | -89.0 | 332.3 | 344.1 | 12.74 | 12.74 | 0.00 |
| | 3,650.0 | 79.59 | 105.00 | 3,467.6 | -95.4 | 355.9 | 368.5 | 12.74 | 12.74 | 0.00 |
| | 3,675.0 | 82.77 | 105.00 | 3,471.4 | -101.8 | 379.8 | 393.2 | 12.74 | 12.74 | 0.00 |
| | 3,700.0 | 85.96 | 105.00 | 3,473.9 | -108.2 | 403.8 | 418.1 | 12.74 | 12.74 | 0.00 |
| | 3,725.0 | 89.14 | 105.00 | 3,474.9 | -114.7 | 428.0 | 443.1 | 12.74 | 12.74 | 0.00 |
| 9 | Start 1050.2 | hold at 3731.7 N | I D | | | | | | | |
| | 3,731.7 | 90.00 | 105.00 | 3,475.0 | -116.4 | 434.5 | 449.8 | 12.74 | 12.74 | 0.00 |
| | 3,800.0 | 90.00 | 105.00 | 3,475.0 | -134.1 | 500.4 | 518.1 | 0.00 | 0.00 | 0.00 |
| | 3,900.0 | 90.00 | 105.00 | 3,475.0 | -160.0 | 597.0 | 618.1 | 0.00 | 0.00 | 0.00 |
| | 4,000.0 | 90.00 | 105.00 | 3,475.0 | -185.8 | 693.6 | 718.1 | 0.00 | 0.00 | 0.00 |
| | 4,100.0 | 90.00 | 105.00 | 3,475.0 | -211.7 | 790.2 | 818.1 | 0.00 | 0.00 | 0.00 |
| | 4,200.0 | 90.00 | 105.00 | 3,475.0 | -237.6 | 886.8 | 918.1 | 0.00 | 0.00 | 0.00 |
| | 4,300.0 | 90.00 | 105.00 | 3,475.0 | -263.5 | 983.4 | 1,018.1 | 0.00 | 0.00 | 0.00 |
| | 4,400.0 | 90.00 | 105.00 | 3,475.0 | -289.4 | 1,080.0 | 1,118.1 | 0.00 | 0.00 | 0.00 |
| | 4,500.0 | 90.00 | 105.00 | 3,475.0 | -315.3 | 1,176.6 | 1,218.1 | 0.00 | 0.00 | 0.00 |
| | 4,600.0 | 90.00 | 105.00 | 3,475.0 | -315.3 -341.1 | 1,176.6 | 1,318.1 | 0.00 | 0.00 | 0.00 |
| | | | | · | | | | | | |
| _ | 4,700.0 | 90.00 | 105.00 | 3,475.0 | -367.0 | 1,369.7 | 1,418.1 | 0.00 | 0.00 | 0.00 |
| | | - PBHL Federal | | 0.475.0 | 000.0 | 4.440.0 | 4 500 0 | 0.00 | | 2.05 |
| | 4,781.9 | 90.00 | 105.00 | 3,475.0 | -388.2 | 1,448.9 | 1,500.0 | 0.00 | 0.00 | 0.00 |

Planning Report



Database:

EDM 2003.16 Single User Db

Company: Project:

Genesis Energy (USA) Inc. Emery Co., UT

Site:

Sec.12-T16S-R12E

Well:

Federal 12-13 Wellbore SE Lat#2

Wellbore: Design:

Plan #1

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

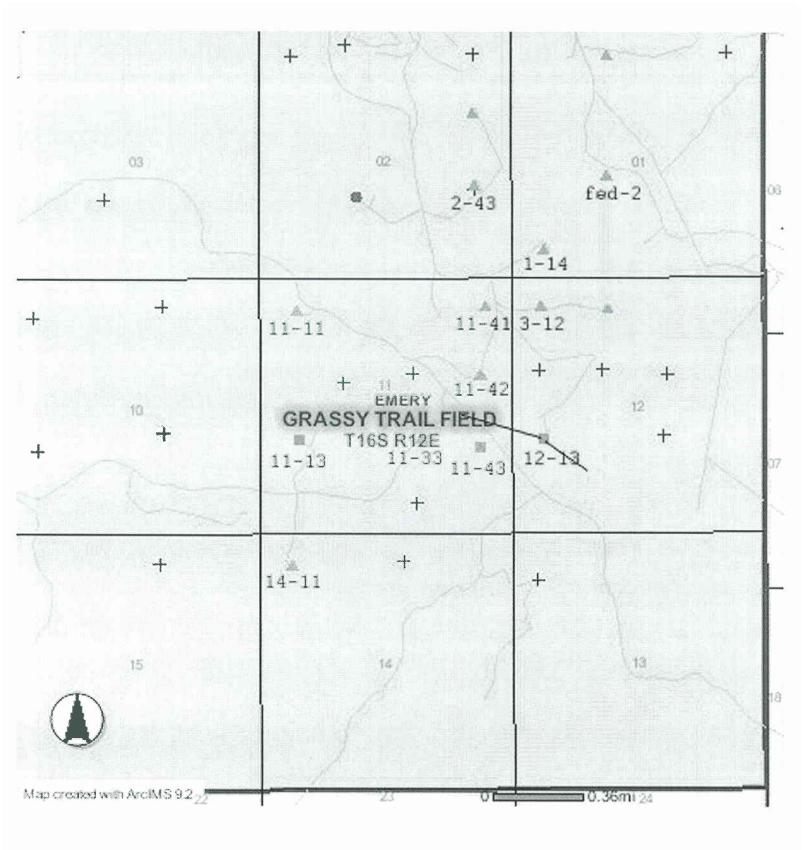
North Reference: **Survey Calculation Method:** Well Federal 12-13

WELL @ 5290.0ft (Original Well Elev) WELL @ 5290.0ft (Original Well Elev)

Minimum Curvature

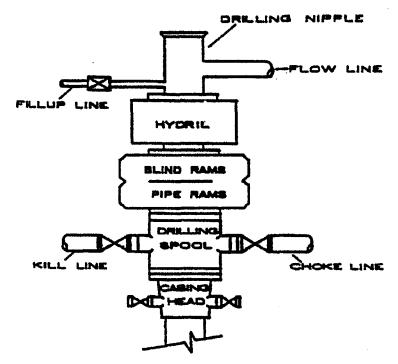
| Target Name - hit/miss target Di - Shape | p Angle (°) | Dip Dir. | TVD (ft) | | | | Easting (ff) | | |
|---|----------------|----------|-------------|--------|---------|--------------|-----------------|------------------|-------------------|
| PBHL Federal 12-13 Lat - plan hits target - Point | 0.00 | 0.00 | 3,475.0 | -388.2 | 1,448.9 | 6,967,388.75 | 1,915,784.82 | 39° 26' 35.218 N | 110° 31' 29.616 W |

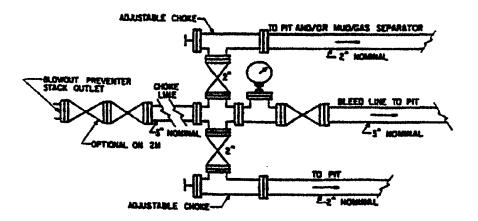
| Plan Annotation | ns Measured Depth (ft) | Vertical Depth (ft) | Local Coo +N/-S (ff) | TE/-W | Comment |
|-----------------|---------------------------------|-------------------------------|----------------------------|-------|--|
| | 3,025.2 3,731.7 4,781.9 | 3,025.2 3,475.0 3,475.0 | 0.0 -116.4 -388.2 | | KOP / Start Build 12.74° Start 1050.2 hold at 3731.7 MD TD at 4781.9 |



Integrated Energy LLC federal 12-13

3M BOP schematic – <u>Exhibit</u> A





Info on BOP testing:

BLM notification of testing: The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a <u>3M</u> system (exhibit A) and individual components shall be operable as designed. Chart recorders will be used for all

pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and will be made available to a BLM representative upon request.

All required BOP tests and/or drills will be recorded in the IADC report.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2 regarding air or gas shall be adhered to. If a mist system is being utilized, the requirement for a deduster shall be waived.

Drilling fluids handling program - will there be a steel mud tank on location? - yes

DRILLING FLUIDS PROGRAM FOR HORIZONTAL WELL

TYPE AND CHARACTERISTICS OF THE CIRCULATION MUDS

| <u>Interval</u> | <u>Type</u> | Mud Weight |
|-----------------|--------------------------------|---------------|
| 0' - TD | Water/LSND (as hole conditions | 8.7 to 10 ppg |
| į | warrant). | |

Chromate Additives: No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

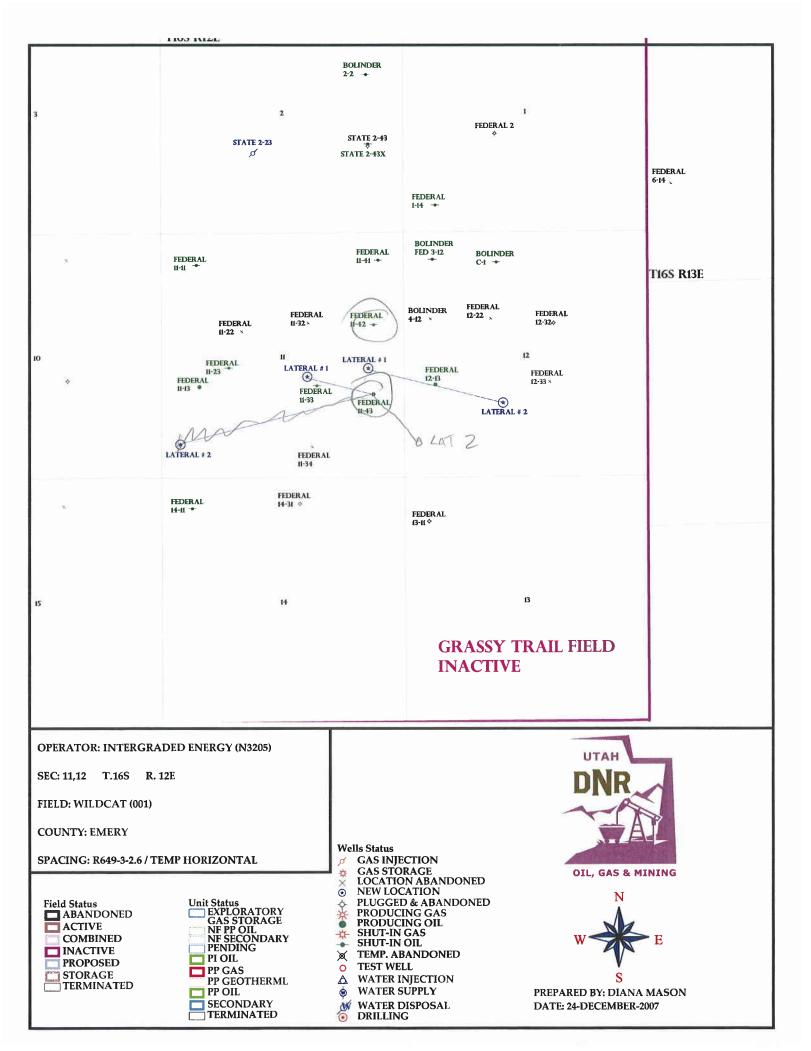
Monitoring of the mud system will be by Pit Volume Totalizer (PVI) equipment. The PVT equipment will measure the volume of mud in the surface pits to allow measurement of any fluid entry into the wellbore. A Flow Sensor is installed on the flow line to measure any change in fluid flow down the flow line. The sensor will also help determine a fluid entry in the wellbore.

Will a workover pit be dug out on location? - yes



WORKSHEET APPLICATION FOR PERMIT TO DRILL

| APD RECEIVED: 11/19/2007 | API NO. ASSIGNED: 43-015-30142 |
|--|---|
| WELL NAME: FEDERAL 12-13 OPERATOR: INTEGRATED ENERGY LLC (N3205) CONTACT: TARIQ AHMAD | PHONE NUMBER: 970-234-8095 |
| PROPOSED LOCATION: | INSPECT LOCATN BY: / / |
| NWSW 12 160S 120E | Tech Review Initials Date |
| SURFACE: 1978 FSL 0662 FWL (1) BOTTOM: 2366 FSL 0787 FEL SWNW Sec II (2) COUNTY: EMERY SL 2/11 FWL SWSE Sec I | Engineering |
| | 2 Geology |
| LATITUDE: 39.44624 LONGITUDE: -110.5270 UTM SURF EASTINGS: 540705 NORTHINGS: 43661 | Surface |
| FIELD NAME: WILDCAT (1 LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-43778 SURFACE OWNER: 1 - Federal | PROPOSED FORMATION: MNKP COALBED METHANE WELL? NO |
| Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. UTB000265) Potash (Y/N) N Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No.) RDCC Review (Y/N) (Date:) Fee Surf Agreement (Y/N) Intent to Commingle (Y/N) | LOCATION AND SITING: R649-2-3. * Horzont** Unit: R649-3-2. General |
| STIPULATIONS: 1- Seden Options 2- Spacing | ymc O |



Tariq I. Ahmad PE

December 18, 2007

Diana Mason Division of Oil Gas & Mining PO Box 145801 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114

Subject: Horizontal Well Letter

Federal 12-13

Section 12, T16S, R12 E Emery County, UT

Dear Ms. Mason:

Pursuant to R649-3-2.3-10, this is to inform the Division that integrated Energy has sent a copy of our APD for the horizontal well to the owners of oil and gas leases within 640 acres Temporary Spacing Unit for the above referenced well. A search of the records indicates that Megadon Enterprises Inc. is the only interest holder owning NW/4 of Section 13.

Sincerely

Tariq Ahmad

Petroleum Engineer

RECEIVED DEC 2 0 2007

DIV. OF OIL, GAS & MINING

137 Vassar Street #5 Reno, Nevada 89502 Phone: 775 324 2198 Fax: 775 333 0225

Tariq I. Ahmad PE

December 18, 2007

Megadon Enterprises Inc Suite 253 257 West South Temple Salt Lake City, UT 84101



Subject: Notice of APD for Horizontal Well

Enclosed please find a copy of the APD for the horizontal well which will be drilled in Section 13. This notice is being sent pursuant to R649-3-2.3-10.

Sincerely,

Petroleum Engineer

DEC 2 0 2007

DIV. OF OIL, GAS & MINING

137 Vassar Street #5 Reno, Nevada 89502 Phone: 775 324 2198 Fax: 775 333 0225

Tariq I. Ahmad PE

December 18, 2007

Diana Mason Division of Oil Gas & Mining PO Box 145801 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114

Subject: Horizontal Well Letter

Federal 12-13

Section 12, T16S, R12 E Emery County, UT

Dear Ms. Mason:

Pursuant to R649-3-2.3-10, this is to inform the Division that integrated Energy has sent a copy of our APD for the horizontal well to the owners of oil and gas leases within 640 acres Temporary Spacing Unit for the above referenced well. A search of the records indicates that Megadon Enterprises Inc. is the only interest holder owning NW/4 of Section 13.

Sincerely,

Tariq Ahmad

Petroleum Engineer

137 Vassar Street #5 Reno, Nevada 89502 Phone: 775 324 2198

Fax:

775 333 0225



Form 3160-5

LIMITED STATES

| FORM APPROVED |
|-------------------------|
| OM B No. 1004-0137 |
| Expires: March 31, 2007 |

| (April 2004) | DEPARTMENT OF THE | INTERIOR | | | OM B No. 1004-0137 Expires: March 31, 2007 |
|--|--|--|--|---|--|
| | BUREAU OF LAND MAN | IAGEMENT | | 5. Lease Seri | · · |
| | Y NOTICES AND RE | | | U-4377 | |
| Do not use abandoned | this form for proposals : well. Use Form 3160-3 (| to drill or to re-e (APD) for such pro | enter an oposals. | 6. If Indian | n, Allottee or Tribe Name |
| = | RIPLICATE- Other inst | | | 7. If Unit o | r CA/Agreement, Name and/or No. |
| 1. Type of Well | TIPLICATE OTHER MIST | ructions on rever | 30 SIUE. | - | , |
| Oil Well | Gas Well Other | | | 8. Well Na | |
| 2. Name of Operator Integrated | Energy LLC | | | 9. API W | al 12-13 ell No. |
| 3a. Address | | 3b. Phone No. (include | e area code) | 43-015 | -30142 |
| 1137 19 Road, Fruita CO 81: | z., T., R., M., or Survey Description) | 970 234 8095 | | | nd Pool, or Exploratory Area |
| | ., 1., K., W., or Survey Description; /1/4SW1/4 SEC 12 T16S R12E S | SLM | | | or Parish, State |
| | | | | Emery | , Utah |
| 12. CHECK | APPROPRIATE BOX(ES) TO | INDICATE NATUR | RE OF NOTICE, I | EPORT, OI | R OTHER DATA |
| TYPE OF SUBMISSION | | TY | PE OF ACTION | | |
| | Acidize | Deepen | Production (St | art/Resume) | Water Shut-Off |
| Notice of Intent | Alter Casing | Fracture Treat | Reclamation | | Well Integrity |
| Subsequent Report | Casing Repair | New Construction | Recomplete | | Other |
| Final Abandonment Notice | Convert to Injection | Plug and Abandon Plug Back | Temporarily A Water Disposal | | |
| testing has been completed. determined that the site is rea The Federal 12-13 is a p at 3445 feet. Two horize as "Lateral #2" which is Estimated Start Date: I Footages/Legals for Lat Kick Off Point (KOP): Proposed Vertical Depth Footages/Legals For La Kick Off Point (KOP): Proposed Vertical Depth Total Measured Depth: Proposed Vertical Depth Total Measured Depth: Procedure: See Attache | Final Abandonment Notices shall be dy for final inspection.) roducing oil well. Integrated pontal legs will be drilled. The fis the SE leg. December 20, 2007 540 7 December 2 | riled only after all require roposes to be enter the rst will be refered to as re 2366 FSL & 787 FE. | ments, including reclar existing wellbore and "Lateral #1" which C. J. J. J. J. J. J. L. SWNW, Sec 11, 11 VL, SWSE, Sec 12, 1 | nation, have been did drill horizon is the NW let 7728 168 R12E | al, a Form 3160-4 shall be filed once en completed, and the operator has contally into the Monkopi A zone g and the second will be refred to -1/0.532028 |
| | | | | | |
| 14. I hereby certify that the for Name (Printed/Typed) | regoing is true and correct | | | | |
| Tariq Ahmad | | Title P | etroleum Engineer | | |
| Signature | uy H | Date | 12/17 | 100 | · |
| -1 ω | HIS SPACE FOR | FEDERAL OR S | TATE/OFFICE | USE | |
| Approved by | | | DLEY G. H | | Date 12-24-07 |
| Conditions of approval, if any, at certify that the applicant holds le which would entitle the applican | e affacted. Approval of this notice gal or equitable title to those rights to conduct operations thereon. | | DNMENTAL MAN Office | AGER | |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

| FORM: | 3 |
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AMENDED REPORT (highlight changes)

| IN. TYPE OF WORKE B. TYPE OF WORLE C. AND FOR OPERATOR. B. TYPE OF WILL C. AND FOR OPERATOR. B. TYPE OF WILL C. AND FOR OPERATOR. B. TYPE OF WILL C. AND FOR OPERATOR. IN THIS STATE OF OPERATOR. IN THIS STATE. IN THIS STATE OF OPERATOR. IN THIS STATE. IN THIS STATE. | | APPLICATION FOR | PERMIT TO | D DRILL | | 5. LEASE DESIGNATION AT U-43778 | ND SERIAL NUMBER: |
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| E. NINE OF ORENTO: Integrated Energy LLC | 1A. TYPE OF WO | DRILL REENTER | DEEPEN | | | 6. IF INDIAN, ALLOTTEE OF | R TRIBE NAME: |
| Integrated Energy LLC ADDRESSO PEPHVARIAN 1137 19 Road, 11 | B. TYPE OF WE | IL: OIL GAS OTHER | SIN | GLE ZONE MULTIPLE ZON | NE 🔲 | 7. UNIT or CA AGREEMENT | NAME: |
| 1137 19 Road, LICATION OF WELL PROTAGES 4. LOCATION OF WELL PROTA | | | | | | | R: |
| AT SURFACE MATERIAL POOT ACCRES AND DIRECTION FOR MEAREST TOWN OR POST OFFICE 13. DISTANCE IN MEES AND DIRECTION FROM MEAREST TOWN OR POST OFFICE 15. MIRES SE OF Wellington, Utah 16. DISTANCE IN MEES AND DIRECTION FROM MEAREST TOWN OR POST OFFICE 17. DISTANCE IN MEES AND DIRECTION FROM MEAREST TOWN OR POST OFFICE 18. NUMBER OF ACRES IN LEASE 19. TARKNING TO NEAREST PROPERTY OR LEASE LINE (FEET) 10. SALMSER TO NEAREST PROPERTY OR LEASE LINE (FEET) 10. SALMSER OF ACRES IN LEASE 11. COUNTY: 12. STATE Emery 12. SALM EMERY 12. SOND DESCRIPTION: 34.45 13. SOND DESCRIPTION: 34.45 14. NUMBER OF ACRES IN LEASE 15. SOND DESCRIPTION: 34.45 15. SOND DESCRIPTION: 34.45 16. NUMBER OF ACRES IN LEASE 17. TIT/12/2008 22. PROPOSED CASING AND CEMENTING PROGRAM SEE OF HOLE 23. PROPOSED CASING AND CEMENTING PROGRAM SEE OF HOLE 24. PROPOSED CASING AND CEMENTING PROGRAM SEE OF HOLE 25. PROPOSED CASING AND CEMENTING PROGRAM SEE OF HOLE 26. CASING SIZE, GRADE, AND WEIGHT FER FOOT SETTING DEPTH CEMENT TYPE, CUANTITY, WELD, AND SUBRRY WEIGHT 36. IN 30. SOND DESCRIPTION: 32. SETTING DEPTH CEMENT TYPE, CUANTITY, WELD, AND SUBRRY WEIGHT 36. IN 30. SOND DESCRIPTION: 37. SETTING DEPTH CEMENT TYPE, CUANTITY, WELD, AND SUBRRY WEIGHT 36. IN 37. SETTING DEPTH CEMENT TYPE, CUANTITY, WELD, AND SUBRRY WEIGHT 36. IN 37. SETTING DEPTH CEMENT TYPE, CUANTITY, WELD, AND SUBRRY WEIGHT 37. SETTING DEPTH CEMENT TYPE, CUANTITY, WELD, AND SUBRRY WEIGHT 38. YDS 40. SETTING DEPTH CEMENT TYPE, CUANTITY, WELD, AND SUBRRY WEIGHT 38. YDS CEMENT TYPE, CUANTITY, WELD, AND SUBRRY WEIGHT 40. SETTING DEPTH CEMENT TYPE, CUANTITY, WELD, AND SUBRRY WEIGHT CEMENT TYPE, CUANTITY, WELD, AN | | | CO 81 | | | 9 FIELD AND POOL, OR WI | LDCAT: |
| AT SHARROE MARE SHOULDING ZONE. See Attached Federal Sundry Notice For further details 13. DISTANCE TO MAGREST VERILOGION, Utah 14. DISTANCE TO MAGREST PROPERTY ON LEASE LINE (FEET) 15. MILES SE of Wellington, Utah 14. DISTANCE TO MAGREST PROPERTY ON LEASE LINE (FEET) 16. NUMBER OF ACRES IN LEASE 17. DISTANCE TO MAGREST PROPERTY ON LEASE LINE (FEET) 18. NUMBER OF ACRES IN LEASE 19. DISTANCE TO MAGREST PROPERTY ON LEASE LINE (FEET) 19. DISTANCE TO MAGREST PROPERTY ON LEASE LINE (FEET) 10. DISTANCE TO MAGREST PROPERTY ON LEASE LINE (FEET) 10. DISTANCE TO MAGREST PROPERTY ON LEASE LINE (FEET) 10. DISTANCE TO MAGREST PROPERTY ON LEASE LINE (FEET) 10. DISTANCE TO MAGREST PROPERTY ON LEASE LINE (FEET) 10. DISTANCE TO MAGREST PROPERTY ON LEASE LINE (FEET) 11. DISTANCE TO MAGREST PROPERTY ON LEASE LINE (FEET) 12. STATE 11. DISTANCE TO MAGREST PROPERTY ON LEASE LINE (FEET) 12. STATE 11. DISTANCE TO MAGREST PROPERTY ON LEASE LINE (FEET) 11. DISTANCE TO MAGREST PROPERTY ON LEASE LINE (FEET) 12. DISTANCE TO MAGREST PROPERTY ON LEASE (FEET) 12. DISTANCE TO MAGREST PROPERTY ON LEASE (FEET) 13. A44 15. NUMBER OF ACRES ASSIGNED TO THIS WELL 16. NUMBER OF ACRES ASSIGNED TO THIS WELL 17. DISTANCE TO MAGREST WELL (DRILLING, CARS.) 18. NUMBER OF ACRES ASSIGNED TO THIS WELL 19. DISTANCE TO MAGREST WELL (DRILLING, CARS.) 19. DISTANCE TO MAGREST | | WELL (FOOTAGES) | VIE OO ZIP O I | 1(010) 201 0000 | | | OWNSHIP, RANGE, |
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| 10. NUMBER SE OF Wellington, Utan 11. DISTANCE TO NEAREST PROPERTY ON LEASE LINE (FEET) 12. AUMBER OF ACRES IN LEASE 12. AUMBER OF ACRES IN LEASE 13. NUMBER OF ACRES IN LEASE 14. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 12.39 12. APPROXIMATE DATE WORK WILL START: 12. SETIMATE DURATION: 15. DAYS 17. 17. 17. 17. 17. 17. 17. 17. 17. 17. | 13. DISTANCE IN | MILES AND DIRECTION FROM NEAREST TOWN OR PO | OST OFFICE: | | | | |
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| 3,445 BLM Bond UTB 0000265 20. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 21. APPROXIMATE DATE WORK WILL START: 1/11/2008 22. ESTIMATED DURATION: 15 DAYS 23. PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE CASING SIZE, GRADE, AND WEIGHT PER POOT SETTING DEPTH CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT 36 IN 30 60 8 YDS READY MIX 8 YDS 4 3/4 IN 10 3/4 40.5 #/FT 657 CLASS H 635 9 7/8 IN 7 5/8 26.4 #/FT 3,390 RFC 650 ATTACHMENTS VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES: WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER NAME (PLEASE PRINT) Tariq Ahmad TITLE Petroleum Engineer 12/17/2007 RECEIVED DEC 18 2007 | | D NEAREST PROPERTY OR LEASE LINE (FEET) | 15. NUMBER OI | | 16. N | UMBER OF ACRES ASSIGNE | |
| PROPOSED CASING AND CEMENTING PROGRAM PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE CASING SIZE, GRADE, AND WEIGHT PER FOOT SETTING DEPTH CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT 36 IN 30 60 8 YDS READY MIX 8 YDS 14 3/4 IN 10 3/4 40.5 #/FT 657 CLASS H 635 9 7/8 IN 7 5/8 26.4 #/FT 3,390 RFC 650 24. ATTACHMENTS VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES: WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER COMPLETE DRILLING PLAN EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER NAME (PLEASE PRINT) TAI'Q Ahmad SIGNATURE TITLE Petroleum Engineer DATE 12/17/2007 PRECEIVED DEC 1 8 2007 | APPLIED FOR | O NEAREST WELL (DRILLING, COMPLETED, OR R) ON THIS LEASE (FEET) | 18. PROPOSED | | | | 0265 |
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| 9 7/8 IN 7 5/8 26.4 #/FT 3,390 RFC 650 24. ATTACHMENTS VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES: WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER NAME (PLEASE PRINT) Tariq Ahmad TITLE Petroleum Engineer 12/17/2007 THIS space for State use only) RECEIVED DEC 1 8 2007 | 36 IN | 30 | 60 | 8 YDS READY MIX | 8 | BYDS | |
| ATTACHMENTS VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES: WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER PORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER NAME (PLEASE PRINT) Tariq Ahmad TITLE Petroleum Engineer 12/17/2007 RECEIVED DEC 18 2007 | 14 3/4 IN | 10 3/4 40.5 #/FT | 657 | CLASS H | | 635 | |
| VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES: WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER COMPLETE DRILLING PLAN EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER NAME (PLEASE PRINT) Tariq Ahmad TITLE Petroleum Engineer SIGNATURE DATE 12/17/2007 This space for State use only) RECEIVED DEC 1 8 2007 | 9 7/8 IN | 7 5/8 26.4 #/FT | 3,390 | RFC | | 650 | |
| VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES: WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER COMPLETE DRILLING PLAN EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER NAME (PLEASE PRINT) Tariq Ahmad TITLE Petroleum Engineer SIGNATURE DATE 12/17/2007 This space for State use only) RECEIVED DEC 1 8 2007 | | | | | | | |
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| SIGNATURE | _ | | | | ERSON (| OR COMPANY OTHER THAN | THE LEASE OWNER |
| SIGNATURE | | Tario Ahmad | | Patroleum En | ginee | · · | · · · · · · · · · · · · · · · · · · · |
| This space for State use only) RECEIVED DEC 1 8 2007 | NAME (PLEASE I | MA | | | giriod | •• | |
| RECEIVED DEC 1 8 2007 | SIGNATURE | Jaly A | | DATE 12/17/2007 | | | · · · · · · · · · · · · · · · · · · · |
| | (This space for Sta | te use only) | / | | | REC | CEIVED |
| DULINDRING DANIELI. | API NUMBER ACC | SIGNED: | | APPROVAL: | | DEC | 1 8 2007 |

ADDENDUM TO SUNDRY NOTICE FEDERAL 12-13

All pits will be built in accordance with the original APD on file for this well. No new surface disturbances will be made.

All Pits shall be lined.

Tariq Ahmad

Petroleum Engineer November 28, 2007

Federal 12-13 - Lateral # 1 & #2 procedure

BOP: 3M

Lateral #1

- 1. MIRU
- 2. Set CIBP at 3370 feet
- 3. Dump-bail 35 feet of cement on top of lower CIBP
- 4. Set whipstock and cut a window in the 7 5/8 inch casing at KOP (3075 TMD)
- 5. Build angle at $\sim 14.3/100$ ft to 90, 270 degrees azimuth
- 6. Once landed in zone, drill ~ 1100 feet laterally, TD at 4773 feet TMD
- 7. No casing will be run, therefore no cement.
- 8. The mud system will be a KCL weighted water base mud. Mud weights wil be 8.7 to 9.2 ppg.(As hole conditions warrant)

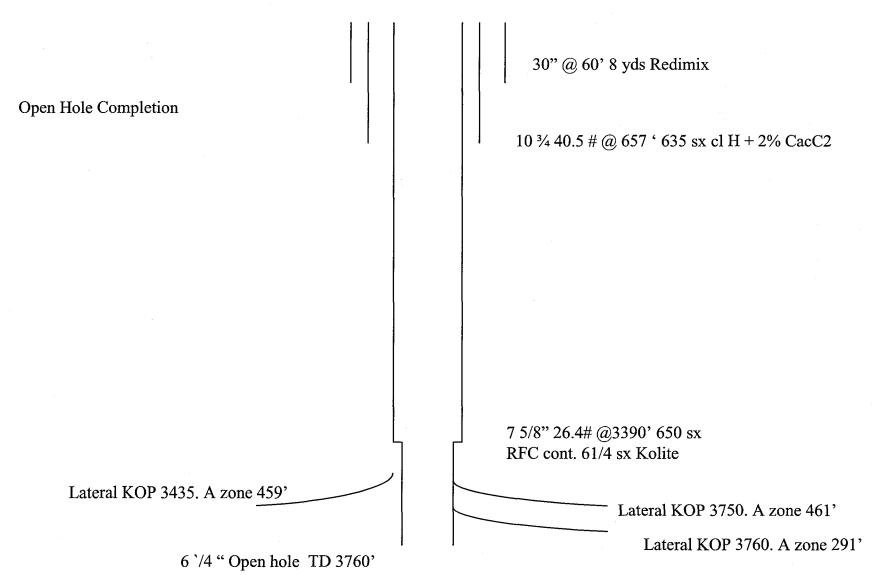
Lateral #2

- 1. Set whipstock at 2nd KOP and cut a window in the 7 5/8 casing at 3025' TMD.
- 2. Build angle at $\sim 12/100$ ft. to 90 degrees, 105 degrees azimuth.
- 3. Once landed in zone, drill ~ 1100 feet laterally, TD at 4751.9 TMD
- 4. No casing will be run, therefore, no cement.
- 5. The mud system will be a KCL weighted water base mud. Mud weights will be 8.7 to 9.2 ppg.(As hole conditions warrant)
- 6. The lateral will be left as open hole.
- 7. All plugs used for depth control will be removed from wellbore prior to turning to production.
- 8. CIBP will be left in pace to be used for future lateral legs in other directions.

Width of both laterals: The drill bit and hole size will be 6 1/8". A workover pit will be dug out on location.

Federal 12-13 Grassy Trail Field

Sec 12, T16S R12E



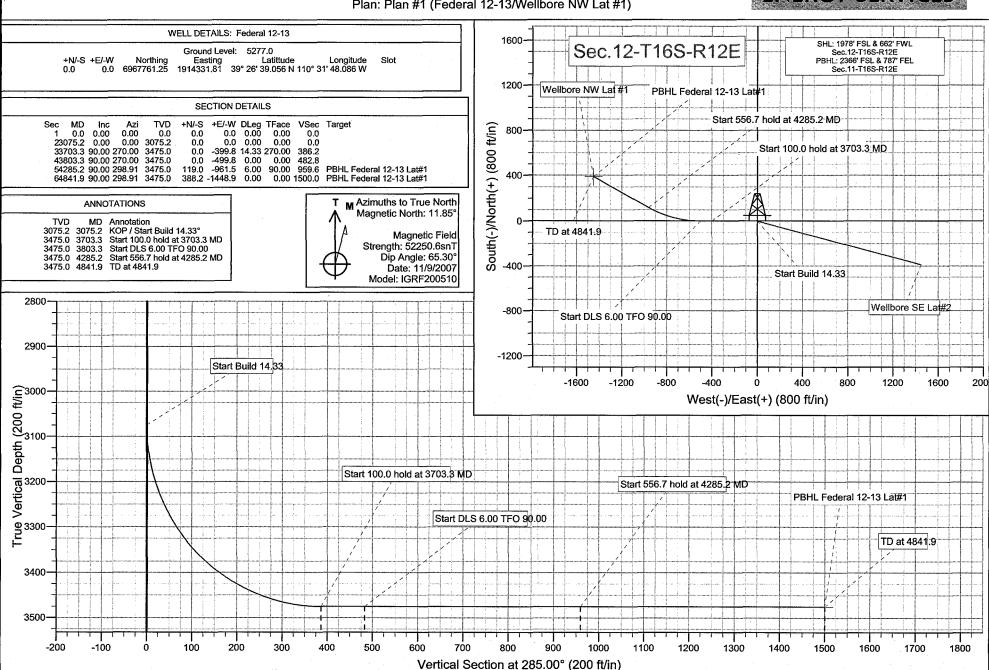
Company: Genesis Energy (USA) Inc.

Field: Emery Co., UT Location: Sec.12-T16S-R12E

Well: Federal 12-13 Wellbore NW Lat #1

Plan: Plan #1 (Federal 12-13/Wellbore NW Lat #1)





Genesis Energy (USA) Inc.

Emery Co., UT Sec.12-T16S-R12E Federal 12-13 Wellbore NW Lat #1

Plan: Plan #1

Pathfinder Planning Report

09 November, 2007



Planning Report



Database:

EDM 2003.16 Single User Db

Company: Project:

Genesis Energy (USA) Inc.

Site:

Emery Co., UT Sec.12-T16S-R12E

Well:

Federal 12-13

Wellbore:

Wellbore NW Lat #1

Design:

Plan #1

Local Co-ordinate Reference:

TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Well Federal 12-13

WELL @ 5290.0ft (Original Well Elev) WELL @ 5290.0ft (Original Well Elev)

Minimum Curvature

Project

Emery Co., UT

Map System:

US State Plane 1983

Geo Datum: Map Zone:

North American Datum 1983

Utah Central Zone

System Datum:

Mean Sea Level

Site

From:

Sec.12-T16S-R12E

Site Position:

Northing: Easting:

6,967,761.25 ft

Latitude:

39° 26' 39.056 N

Position Uncertainty:

Lat/Long

+E/-W

0.0 ft

Slot Radius:

1,914,331.81 ft

Longitude: Grid Convergence: 110° 31' 48.086 W

0.62 °

Well **Well Position** Federal 12-13

+N/-S

0.0 ft 0.0 ft Northing: Easting:

6,967,761.25 ft 1,914,331.81 ft

Latitude: Longitude: 39° 26' 39.056 N

Position Uncertainty

0.0 ft

Wellhead Elevation:

11/9/2007

ft

Ground Level:

110° 31' 48.086 W 5,277.0 ft

Wellbore

Wellbore NW Lat #1

Magnetics

Model Name

IGRF200510

Sample Date

Declination (°)

Dip Angle (°)

Field Strength

(nT) 52,251

Design

Plan #1

Audit Notes:

Version:

Phase:

PROTOTYPE

Tie On Depth:

0.0

65.30

Depth From (TVD)

+N/-S

+E/-W

11.85

Direction

Vertical Section:

(ft) 0.0

(ft) 0.0

(ft) 0.0

(°) 285.00

| Plan Sections Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | TFO (°) | Target |
|--------------------------------------|-----------------|----------------|---------------------------|---------------|---------------|-----------------------------|----------------------------|---------------------------|------------|----------------------|
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3,075.2 | 0.00 | 0.00 | 3,075.2 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3,703.3 | 90.00 | 270.00 | 3,475.0 | 0.0 | -399.8 | 14.33 | 14.33 | 0.00 | 270.00 | |
| 3,803.3 | 90.00 | 270.00 | 3,475.0 | 0.0 | -499.8 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4,285.2 | 90.00 | 298.91 | 3,475.0 | 119.0 | -961.5 | 6.00 | 0.00 | 6.00 | 90.00 | PBHL Federal 12-13 I |
| 4,841.9 | 90.00 | 298.91 | 3,475.0 | 388.2 | -1,448.9 | 0.00 | 0.00 | 0.00 | 0.00 | PBHL Federal 12-13 I |

Planning Report



Database: Company:

Site:

EDM 2003.16 Single User Db Genesis Energy (USA) Inc.

Project: Emery Co., UT Sec.12-T16S-R12E

Well: Federal 12-13 Wellbore: Wellbore NW Lat #1 Design: Plan #1

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference: Survey Calculation Method: Well Federal 12-13

WELL @ 5290.0ft (Original Well Elev) WELL @ 5290.0ft (Original Well Elev)

Minimum Curvature

| nned Survey | | | | | | | | san san arabahan san | The same of the same of the same |
|-------------|-------------------|---------|----------|-------|-----------------|----------|-----------|------------------------|----------------------------------|
| | | | | | | | | | |
| Measured | | | Vertical | | | Vertical | Dogleg | Build | Turn |
| Depth | Inclination | Azimuth | Depth | +N/-S | +E/-W | Section | Rate | Rate | Rate |
| (ft) | (°) | (°) | (ft) | (ft) | (ft) | (ft) | (°/100ft) | (°/100 ft) | (°/100ft) |
| KOP / Start | Build 14.33° | | | | | | | | |
| 3,075.2 | 0.00 | 0.00 | 3,075.2 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 3.55 | 270.00 | 3,100.0 | 0.0 | -0.8 | 0.7 | 14.33 | 14.33 | 0.00 |
| 3,125.0 | 7.14 | 270.00 | 3,124.9 | 0.0 | -3.1 | 3.0 | 14.33 | 14.33 | 0.00 |
| 3,150.0 | 10.72 | 270.00 | 3,149.6 | 0.0 | -7.0 | 6.7 | 14.33 | 14.33 | 0.00 |
| 3,175.0 | 14.30 | 270.00 | 3,174.0 | 0.0 | -12.4 | 12.0 | 14.33 | 14.33 | 0.00 |
| 3,200.0 | 17.88 | 270.00 | 3,198.0 | 0.0 | -19.3 | 18.7 | 14.33 | 14.33 | 0.00 |
| 3,225.0 | 21.47 | 270.00 | 3,221.5 | 0.0 | -27.7 | 26.8 | 14.33 | 14.33 | 0.00 |
| 3,250.0 | 25.05 | 270.00 | 3,244.5 | 0.0 | -37.6 | 36.3 | 14.33 | 14.33 | 0.00 |
| 3,275.0 | 28.63 | 270.00 | 3,266.8 | 0.0 | -48.9 | 47.2 | 14.33 | 14.33 | 0.00 |
| | | | | | | | | | |
| 3,300.0 | 32.21 | 270.00 | 3,288.3 | 0.0 | -61.5 | 59.5 | 14.33 | 14.33 | 0.00 |
| 3,325.0 | 35.80 | 270.00 | 3,309.1 | 0.0 | -75.5 | 73.0 | 14.33 | 14.33 | 0.00 |
| 3,350.0 | 39.38 | 270.00 | 3,328.9 | 0.0 | -90.8 | 87.7 | 14.33 | 14.33 | 0.00 |
| 3,375.0 | 42.96 | 270.00 | 3,347.7 | 0.0 | -107.2 | 103.6 | 14.33 | 14.33 | 0.00 |
| 3,400.0 | 46.54 | 270.00 | 3,365.4 | 0.0 | -124.8 | 120.6 | 14.33 | 14.33 | 0.00 |
| 3,425.0 | 50.13 | 270.00 | 3,382.1 | 0.0 | -143.5 | 138.6 | 14.33 | 14.33 | 0.00 |
| 3,450.0 | 53.71 | 270.00 | 3,397.5 | 0.0 | -163.2 | 157.6 | 14.33 | 14.33 | 0.00 |
| 3,475.0 | 57.29 | 270.00 | 3,411.6 | 0.0 | -183.8 | 177.5 | 14.33 | 14.33 | 0.00 |
| 3,500.0 | 60.87 | 270.00 | 3,424.5 | 0.0 | -205.2 | 198.2 | 14.33 | 14.33 | 0.00 |
| 3,525.0 | 64.46 | 270.00 | 3,436.0 | 0.0 | -227.4 | 219.7 | 14.33 | 14.33 | 0.00 |
| | | | | | | | | | |
| 3,550.0 | 68.04 | 270.00 | 3,446.0 | 0.0 | -250.3 | 241.8 | 14.33 | 14.33 | 0.00 |
| 3,575.0 | 71.62 | 270.00 | 3,454.6 | 0.0 | -273.8 | 264.4 | 14.33 | 14.33 | 0.00 |
| 3,600.0 | 75.20 | 270.00 | 3,461.8 | 0.0 | -297.7 | 287.6 | 14.33 | 14.33 | 0.00 |
| 3,625.0 | 78.79 | 270.00 | 3,467.4 | 0.0 | -322.1 | 311.1 | 14.33 | 14.33 | 0.00 |
| 3,650.0 | 82.37 | 270.00 | 3,471.5 | 0.0 | -346.7 | 334.9 | 14.33 | 14.33 | 0.00 |
| 3,675.0 | 85.95 | 270.00 | 3,474.0 | 0.0 | -371.6 | 358.9 | 14.33 | 14.33 | 0.00 |
| 3,700.0 | 89.53 | 270.00 | 3,475.0 | 0.0 | -396.6 | 383.1 | 14.33 | 14.33 | 0.00 |
| • | nold at 3703.3 MD | | 2, 2 | | 555.5 | | | | 0.50 |
| 3,703.3 | 90.00 | 270.00 | 3,475.0 | 0.0 | -399.8 | 386.2 | 14.33 | 14.33 | 0.00 |
| | | 270.00 | 3,473.0 | 0.0 | -355.0 | 300.2 | 14.55 | 14.55 | 0.00 |
| | 00 TFO 90.00 | 070.00 | 0.475.0 | 2.2 | 400.0 | 400.0 | | 2.22 | • • • |
| 3,803.3 | 90.00 | 270.00 | 3,475.0 | 0.0 | -499.8 | 482.8 | 0.00 | 0.00 | 0.00 |
| 3,850.0 | 90.00 | 272.80 | 3,475.0 | 1.1 | -546.6 | 528.2 | 6.00 | 0.00 | 6.00 |
| 3,900.0 | 90.00 | 275.80 | 3,475.0 | 4.9 | -596.4 | 577.4 | 6.00 | 0.00 | 6.00 |
| 3,950.0 | 90.00 | 278.80 | 3,475.0 | 11.3 | -646.0 | 626.9 | 6.00 | 0.00 | 6.00 |
| 4,000.0 | 90.00 | 281.80 | 3,475.0 | 20.2 | -695.2 | 676.7 | 6.00 | 0.00 | 6.00 |
| 4,050.0 | 90.00 | 284.80 | 3,475.0 | 31.7 | -743.8 | 726.7 | 6.00 | 0.00 | 6.00 |
| 4,100.0 | 90.00 | 287.80 | 3,475.0 | 45.7 | -791 <i>.</i> 8 | 776.7 | 6.00 | 0.00 | 6.00 |
| 4.450.0 | 00.00 | 200.00 | 2.475.0 | 60.0 | 000.0 | 000 5 | 0.00 | 0.00 | 0.00 |
| 4,150.0 | 90.00 | 290.80 | 3,475.0 | 62.3 | -839.0 | 826.5 | 6.00 | 0.00 | 6.00 |
| 4,200.0 | 90.00 | 293.80 | 3,475.0 | 81.2 | -885.3 | 876.1 | 6.00 | 0.00 | 6.00 |
| 4,250.0 | 90.00 | 296.80 | 3,475.0 | 102.6 | -930.5 | 925.3 | 6.00 | 0.00 | 6.00 |
| | old at 4285.2 MD | | | | | | | | |
| 4,285.2 | 90.00 | 298.91 | 3,475.0 | 119.0 | -961.5 | 959.6 | 6.00 | 0.00 | 6.00 |
| 4,300.0 | 90.00 | 298.91 | 3,475.0 | 126.2 | -974.5 | 974.0 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 90.00 | 298.91 | 3,475.0 | 174.6 | -1,062.1 | 1,071.1 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 90.00 | 298.91 | 3,475.0 | 222.9 | -1,149.6 | 1,168.1 | 0.00 | 0.00 | 0.00 |
| 4,600.0 | 90.00 | 298.91 | 3,475.0 | 271.3 | -1,237.1 | 1,265.2 | 0.00 | 0.00 | 0.00 |
| 4,700.0 | 90.00 | 298.91 | 3,475.0 | 319.6 | -1,324.7 | 1,362.3 | 0.00 | 0.00 | 0.00 |
| 4,800.0 | 90.00 | 298.91 | 3,475.0 | 368.0 | -1,412.2 | 1,459.3 | 0.00 | 0.00 | 0.00 |
| | | | | | .,= | ., | 0.00 | | 3.00 |
| | - PBHL Federal | | | | | | | | |
| 4,841.9 | 90.00 | 298.91 | 3,475.0 | 388.2 | -1,448.9 | 1,500.0 | 0.00 | 0.00 | 0.00 |

Planning Report



Database: Company: EDM 2003.16 Single User Db

Project:

Genesis Energy (USA) Inc.

Project

Emery Co., UT

Well:

Sec.12-T16S-R12E Federal 12-13

Wellbore:

Wellbore NW Lat #1

Design:

Plan #1

Local Co-ordinate Reference:

Survey Calculation Method:

TVD Reference:

MD Reference: North Reference: Well Federal 12-13

WELL @ 5290.0ft (Original Well Elev)
WELL @ 5290.0ft (Original Well Elev)

True

Minimum Curvature

| Targets Target Name - hit/miss target Di - Shape | p Angle (°) | Dip Dir. (°) | TVD (ft) | | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
|---|----------------|-----------------|-------------|-------|---------------|------------------|-----------------|------------------|------------------|
| PBHL Federal 12-13 Lat - plan hits target - Point | 0.00 | 0.00 | 3,475.0 | 388.2 | -1,448.9 | 6,968,133.74 | 1,912,878.79 | 39° 26′ 42.893 N | 110° 32' 6.557 W |

| Plan Annotations | * * | | . 3 | |
|------------------|----------|-----------|----------|--|
| | | | | 그렇게 되었다. 그 그 이 경우를 받는 것이 없는 그 없다. |
| Measured | Vertical | Local Coo | rdinates | |
| Depth | Depth | +N/-S | +E/-W | 그렇게 존프를 맞았다고 하다. 회의를 하는 그리를 걸릴 때마다 하다 |
| (ft) | (ft) | (ft) | (ft) | Comment with the control of the cont |
| 3,075.2 | 3,075.2 | 0.0 | 0.0 | KOP / Start Build 14.33° |
| 3,703.3 | 3,475.0 | 0.0 | -399.8 | Start 100.0 hold at 3703.3 MD |
| 3,803.3 | 3,475.0 | 0.0 | -499.8 | Start DLS 6.00 TFO 90.00 |
| 4,285.2 | 3,475.0 | 119.0 | -961.5 | Start 556.7 hold at 4285.2 MD |
| 4,841.9 | 3,475.0 | 388.2 | -1,448.9 | TD at 4841.9 |

Company: Genesis Energy (USA) Inc.

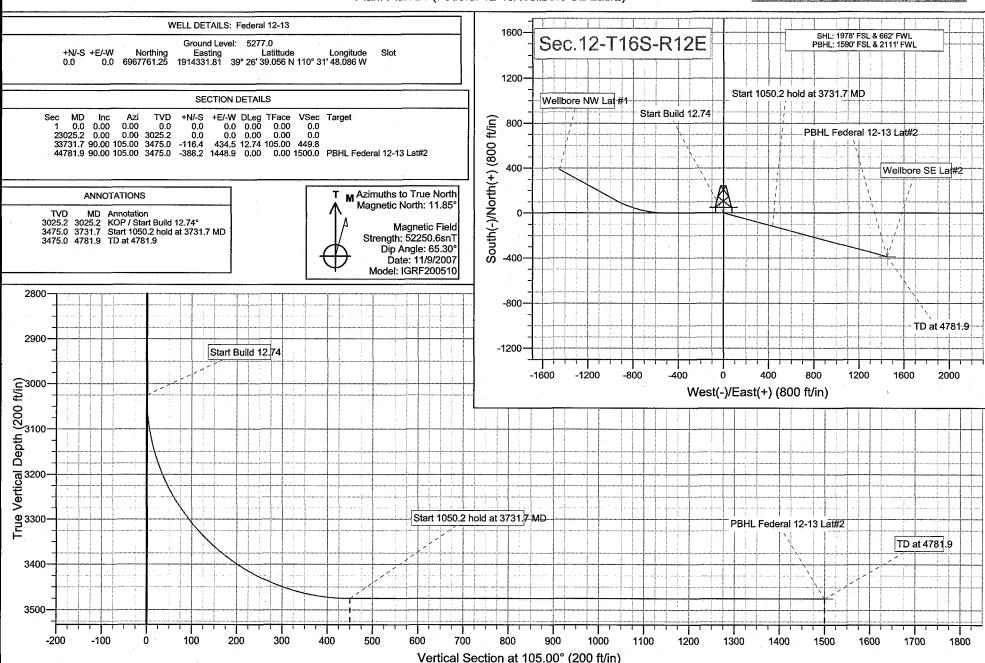
Field: Emery Co., UT Location: Sec.12-T16S-R12E

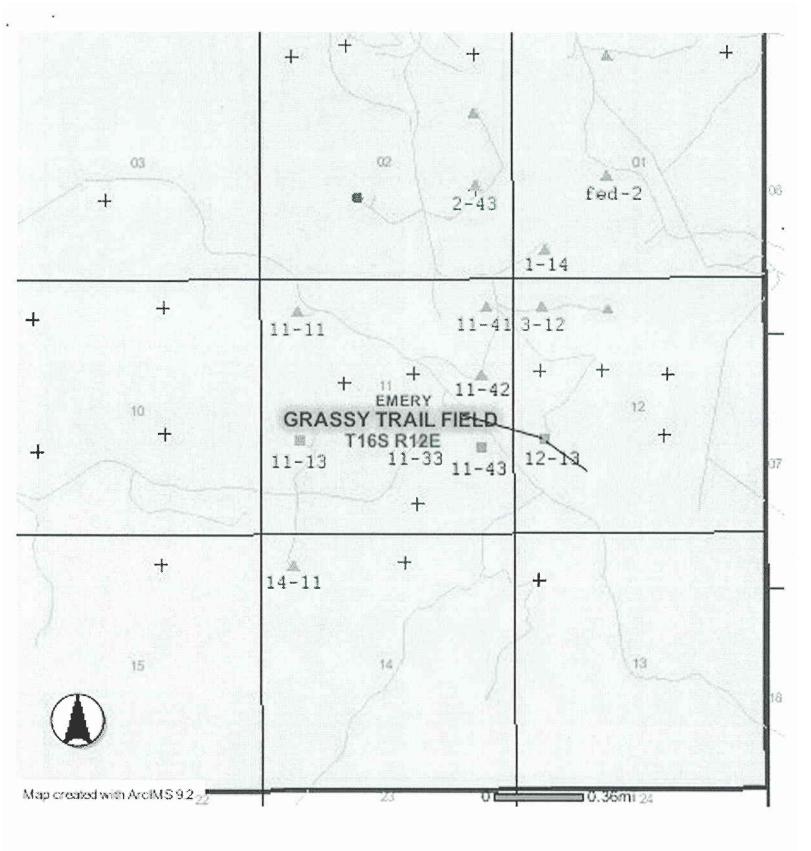
Well: Federal 12-13

Wellbore SE Lat#2

Plan: Plan #1 (Federal 12-13/Wellbore SE Lat#2)

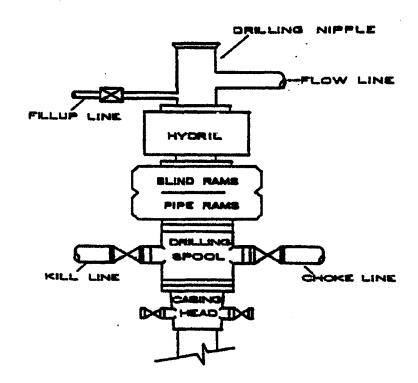


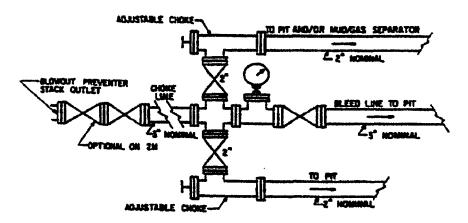




Integrated Energy LLC federal 12-13

BM BOP schematic – <u>Exhibit</u>





Info on BOP testing:

BLM notification of testing: The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a <u>3M</u> system (exhibit A) and individual components shall be operable as designed. Chart recorders will be used for all

pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and will be made available to a BLM representative upon request.

All required BOP tests and/or drills will be recorded in the IADC report.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2 regarding air or gas shall be adhered to. If a mist system is being utilized, the requirement for a deduster shall be waived.

Drilling fluids handling program - will there be a steel mud tank on location? - yes

DRILLING FLUIDS PROGRAM FOR HORIZONTAL WELL

TYPE AND CHARACTERISTICS OF THE CIRCULATION MUDS

| <u>Interval</u> | Type | Mud Weight |
|-----------------|--------------------------------|---------------|
| o TD | Water/LSND (as hole conditions | 8.7 to 10 ppg |
| | warrant). | |

Chromate Additives: No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Monitoring of the mud system will be by Pit Volume Totalizer (PVT) equipment. The PVT equipment will measure the volume of mud in the surface pits to allow measurement of any fluid entry into the wellbore. A Flow Sensor is installed on the flow line to measure any change in fluid flow down the flow line. The sensor will also help determine a fluid entry in the wellbore.

Will a workover pit be dug out on location? – yes



GARY R. HERBERT
Lieutenant Governor

State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA Division Director



December 24, 2007

Integrated Energy, LLC 1137 19 Road Fruita, CO 81521

Re:

Federal 12-13 Well, Surface Location 1978' FSL, 662' FWL, NW SW, Sec. 12,

T. 16 South, R. 12 East, (1) Bottom Location 2366' FSL, 787' FEL, SW NW, Sec. 11,

T. 16 South, R. 12 East, (2) Bottom Location 1590' FSL, 2111' FWL, SW NE, Sec. 12,

T. 16 South, R. 12 East, Emery County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30142.

Sincerely,

Gil Hunt

Associate Director

pab

Enclosures

cc:

Emery County Assessor

Bureau of Land Management, Moab Office



| Operator: | | Integrat | ed Energy, LLC | |
|---------------------|-------|----------|---------------------------|--------------------------|
| Well Name & Number | er | Federal | 12-13 | |
| API Number: | | 43-015- | 30142 | |
| Lease: | · | U-4377 | 8 | |
| Surface Location: | NW SW | Sec12_ | T. 16 South | R. <u>12 East</u> |
| (1)Bottom Location: | SW NW | Sec. 11_ | T. <u>16 South</u> | R. <u>12 East</u> |
| (2)Bottom Location: | SW SE | Sec. 12 | T. 16 South | R. 12 East |

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

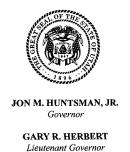
3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
- 6. A temporary 640 acre spacing unit is hereby established in Section 11-12, Township 16 South, Range 12 East for the drilling of this well (R649-3-2.6). No other horizontal wells may be drilled in this section unless approved by the Board of Oil, Gas and Mining.

Page 2 43-015-30142 December 24, 2007

7. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.



State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director



December 24, 2007

Integrated Energy, LLC 1137 19 Road Fruita, CO 81521

Re:

Federal 12-13 Well, Surface Location 1978' FSL, 662' FWL, NW SW, Sec. 12,

T. 16 South, R. 12 East, (1) Bottom Location 2366' FSL, 787' FEL, SW NW, Sec. 11,

T. 16 South, R. 12 East, (2) Bottom Location 1590' FSL, 2111' FWL, SW NE, Sec. 12,

T. 16 South, R. 12 East, Emery County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30142.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Emery County Assessor

Bureau of Land Management, Moab Office



| Operator: | | Inte | Integrated Energy, LLC | | | |
|-------------------------|-------|---------------|------------------------|--------------------------|--|--|
| Well Name & Num | Fede | Federal 12-13 | | | | |
| API Number: | | 43-015-30142 | | | | |
| Lease: | | U-4 | 3778 | | | |
| Surface Location: | NW SW | Sec. 12 | T. 16 South | R. 12 East | | |
| Bottom Location: | SW NW | Sec. 11 | T. 16 South | R. <u>12 East</u> | | |

Conditions of Approval

T. 16 South

Sec. 12

R. 12 East

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Bottom Location: SW NE

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

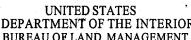
All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
- 6. A temporary 640 acre spacing unit is hereby established in Section 11-12, Township 16 South, Range 12 East for the drilling of this well (R649-3-2.6).

Page 2 43-015-30142 December 24, 2007

7. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Form 3160-5



| FORM APPROVED |
|-------------------------|
| OM B No. 1004-0137 |
| Evnires: March 31, 2007 |

| DEPARTMENT OF T BUREAU OF LAND N | Expires: March 31, 2007 | | |
|---|---|---|--|
| SUNDRY NOTICES AND | 5. Lease Serial No. U-43778 | | |
| Do not use this form for propose abandoned well. Use Form 3160 - | als to drill or to re-enter an | 6. If Indian, Allottee or Tribe Name | |
| SUBMIT IN TRIPLICATE- Other i | 7. If Unit or CA/Agreement, Name and/or No. | | |
| 1. Type of Well Gas Well Oth | 1er | *8. Well Name and No. | |
| 2. Name of Operator Integrated Energy LLC | | Federal 12-13 9. API Well No. | |
| 3a Address 1137 19 Road, Fruita Colorado 81521 | 3b. Phone No. (include area code) 970 234 8095 | 43-015-30142 10. Field and Pool, or Exploratory Area | |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Descript | tion) | Grassy Trail | |
| 662 1/2 FWL 1978 FSL, NWSW Section 12 T16S R12E | · · | 11. County or Parish, State | |
| | | Emery | |
| 12. CHECK | | REPORT, OR OTHER DATA | |
| TYPE OF SUBMISSION Federal //- | 13 BHL ION | | |
| | mation mation | Start/Resume) | |
| Subsequent Report | mplete | OtherAbandon | |
| Final Abandonment Notio | -13 Lat 1 BHL r Dispose | | |
| 13. Describe Proposed or Co If the proposal is to deepx Attach the Bond under w following completion of testing has been complet determined that the site i | L 3 99 FEL sured and SIA. Requ | f any proposed work and approximate duration thereof. true vertical depths of all pertinent markers and zones. uired subsequent reports shall be filed within 30 days in a new interval, a Form 3160-4 shall be filed once amation, have been completed, and the operator has | |
| See enclosed the foll 322 | -> HIA' | | |
| Drilling Report Survey Reports Gamma Ray Log N | | | |
| | | | |
| | | FEB 2 6 2008 | |
| | | AR OF OIL CASE MAINED | |
| | | | |

| eum Engineer |
|---------------|
| |
| 02/02/2008 |
| TE OFFICE USE |
| Date |
| |
| |

Form 3160-5 (April 2004)



| FORM APPROVED |
|------------------------|
| OM B No. 1004-0137 |
| Expires: March 31 2007 |

| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. SUBMIT IN TRIPLICATE- Other instructions on reverse side. | | | | | 5. Lease Serial No. U-43778 | | |
|---|--|---|---|---------------------------------------|---|--|--|
| | | | | | 6. If Indian, Allottee or Tribe Name | | |
| | | | | | 7. If Unit or CA/Agreement, Name and/or No. | | |
| 1. Type of Well Oil Well | Gas Well Other | | · · · · | *8. Well Na | me and No. | | |
| 2. Name of Operator Integrated E | | | | Federa | Federal 12-13 | | |
| 3a Address | nergy LLC | 3b. Phone No. (inclu | oda muan aa da) | 9. API W | | | |
| 1137 19 Road, Fruita Colorad | o 81521 | 970 234 8095 | | | d Pool, or Exploratory Area | | |
| 4. Location of Well (Footage, Sec., | T., R., M., or Survey Description) | | | Grassy | | | |
| 662 1/2 FWL 1978 FSL, NWS | W Section 12 T16S R12E SLM | | | 11. County | or Parish, State | | |
| | | | | Emery | | | |
| 12. CHECK A | PPROPRIATE BOX(ES) TO | INDICATE NATU | IRE OF NOTICE, R | EPORT, OF | OTHER DATA | | |
| TYPE OF SUBMISSION | | Т | YPE OF ACTION | | | | |
| Notice of Intent | Acidize Alter Casing | Deepen Fracture Treat | Production (Sta | art/Resume) | Water Shut-Off Well Integrity | | |
| Subsequent Report | Casing Repair | New Construction | | | Other | | |
| Final Abandonment Notice | Change Plans Convert to Injection | Plug and Abandon Plug Back | Temporarily At | oandon | · · · · · · · · · · · · · · · · · · · | | |
| | <u> </u> | | | · · · · · · · · · · · · · · · · · · · | ork and approximate duration thereof. | | |
| following completion of the in- testing has been completed. Fi determined that the site is ready See enclosed the following | nal Abandonment Notices shall be to for final inspection.) | results in a multiple cor filed only after all requi | npletion or recompletion i rements, including reclam | in a new interval action, have bee | al, a Form 3160-4 shall be filed once on completed, and the operator has | | |
| Drilling Report Survey Reports Gamma Ray Log MWD | | | | | | | |
| | | | | 98 0 | RECEIVED | | |
| | | | | 2. | | | |
| | | | | | FEB 2 6 2008 | | |
| | | | | • | DIV. OF OIL, GAS & MINING | | |
| | | | | | DIV. OF OIL, GITO STA | | |
| | | | | | | | |
| 14. I hereby certify that the fore Name (Printed/Typed) | going is true and correct | · | | | | | |
| Tariq Ahmad | | Title | Petroleum Engineer | · · · · · · · · · · · · · · · · · · · | | | |
| Signature Su | rey Alyand | Date | 0 | 2/02/2008 | | | |
| | THIS SPACE FOR I | EDERAL OR | STATE OFFICE | USE | | | |
| Approved by | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · | Title | | Date | | |
| Conditions of approval, if any, are | attached. Approval of this notice | does not warrant or | | I | | | |
| certify that the applicant holds legative which would entitle the applicant to | | the subject lease | Office | | | | |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Rig Move In

West Lateral

January 8 2007 7 pm Mud tanks 1& 2 leaked. Refilled mud tanks. Installed auto choke completed installation at 10 pm. Checked power swivel

Start milling 9:20 pm 10:38 pm milled 16 in hole. Circulating hole to cleanup. TOH. Rih with new bha start milling.

January 9, 2007 7AM Continue milling 7 /8 casing ROP 2 FT/HR.

9 AM 3 FT REMAINING TO MILL. DRILL 5 FT RAT HOLE. BLM INSPECTOR PRESSUE TO ACCUMULATOR WAS OFF. TRUNED ON THE PRESSURE. 6 PM COMPELTED 5 FT RAT HOLE. SLOW DRILLING DUE TO MILL TOOL. MILLED 5 FT IN 5 HOURS.

TOH LD DOWN 2 JOINTS DP.

7 PM POH

15 STAND LEFT TO PULL 8:15 PM 15 STAND LEFT TO PULL TIH WITH BHA. BIT MUD MOTOR. 1 UBHO SUB. 20 DP 30 HWDP. RIH WITH TRICONE BIT 1.4 TSA 3 AM SET AT BOTTOM. TAGGED WHIPSTOCK. ROCKY MOUNTAIN BROUGHT THE WRONG PACKOFF. WENT TO GET NEW PACKOFF

January 10, 2008

7 AM. WAITING ON RM.

10 AM RIH WITH GYRO WITH RM WIRELINE TFA = TOTAL FLOW AREA

12 pm SET GYRO STARTED DRILLING. PW BRAKE WONT WORK. INFORMED THAT WEATHERFORD KNEW THAT BRAKE DID NOT WORK. ORDERED REPLACEMENT. PULLED GYRO OUT OF HOLE. LAY DOWN.

7 PM WAITING ON PS.

9PM WAITING ON PS.

11 PM PS ON LOCATION, TESTING BRAKE.

January 11, 2008

12 AM AIR LINES FROZEN ON PS. FREEING LINES WITH METHANOL.

1 AM. WEATHERFORD HAND SAYS THE PS WORKS BUT THE BRAKE PADS ARE NOT WORKING. THEY HAVE GREASE IN THE UNIT. CALLED BO AND ASKED FOR A REPLACEMENT UNIT.

1:30 AM TOLD WEATHERFORD TO HEAT UP THE HOOK AND SEE IF WE CAN BURN OFF THE GREASE FROM THE UNIT.

WORKING ON HOOK UNIT.

2 AM HYDRAULIC PUMP ON PS FAILED.

2:30 AM RELEASED RM AND GYRO SENT TO HOTEL. SENT PS AND HOOK TO VERNAL FOR REPAIRS

7 AM WAITING ON PS

3:30 PM MOVED RM TRUCK FROM RIG TO REMOVE PS AND HEAD FROM RIG.

4:15 PM WEATHREFORD TRUCK WITH PS AND HEAD ARRIVED ON LOCATION. REMOVED OLD PS AND HEAD.

5 PM STARTING RIGGING UP PS AND HEAD.

6:15 PM WEATHERFORD SAID THAT THE STIFF ARM NEEDED TO BE BORED SO THE MANAGER NATE HAS TAKEN THE PART TO PRICE TO BE BORED

7:00 PM WAITING ON STIFF ARM

1 AM STARTING DRILLING

January 12, 2008

7 AM DRILLING 28 FT/HR

11:20 AM TOH WITH GYRO. CIRCULLATE HOLE FOR 10 MINUTES. 10 DEGREES @MD 3089 274 AZIMUTH. BH @ MD 3169. RELEASE RM AND SCIENFIC DRILLING

12:00 PM PU KELLY.

8:45 PM RIH WITH DB, MUD MOTOR, MWD TOOL, GR, 3 $\frac{1}{2}$ DP, WP. MD 3169 TVD 3089

GR RAY WOULD NOT REGISTER WITH PASON TOOL. CONTINUE DRILLING

January 13, 2008

7:00 AM MD 3262 FT

1:00 PM DRILLING

5 PM TOH TO RESET SUB TO CORRECT ANGLE.

9 PM POH WITH TOOLS AND BIT. ONE CONE WAS SPINNING FREERER THAN OTHERS. WAITING ON NEW TRI CONE BIT. 121 RPM 212 GPM.

10:00 PM RIH WITH NEW BIT TOOLS

JANUARY 14, 2008

7 AM TOH TO CASING WINDOW TO FIX PACKING

10 AM TESTING PACKING

1 PM RIH COMMENCE DRILLING ANGLE AT 20 DEGREE

7 PM DRILLING TMD 3566

9:30 PM MD 3597 INC 82.6 DEGREES ANI 277, TVD 3454.81 NORTH 29.99 FT, 378.21 EAST FEET. BUILD 19.64 DEGREES

11:30 PM PULL OFF BOTTOM. CIRCULATE. TOH. CHANGE TO PDC BIT

1 AM TOH LOST CIRCULATION. CALLED BO AND WAYNE REQUESTED LCM MATERIAL. LOST 300 BBLS INTO FORMATION. 180 BBLS OF FLUID LEFT ON SURFACE. CALLED FOR MORE WATER.

7 AM JANUARY 15, 2008 POH WAITING ON MUD CHEMICALS

1/2 SACK DURAGEL PER BBL 1 SACK MYLOGEL FOR EVERY FOUR SACKS 4 SACKS /60 BBLS

1/4 TO 1/2 SACK POLY PACK PER 60 BBLS

PH OF 10 ADD CASUTIC TO BRING UP PH

5:58 PM MUD MAN SHOWED UP. MIXING MUD 7 PM RECEIVED SODA ASH. MIX ONE BAG PER 70 BBLS MUD

9:33 PILL VISCOSITY 37 CP. 9 PPG. 70 BBLS TO BE PUMPED FOLLOWED BY KCL. LOWER BHA TO 5 INSIDE THE DIRECITONAL WINDOW AND PUMP DOWN.

10 PM STARTED TO PUMP. PUMP PRESSURE 700 PSI WONT PUMP.. CHECKED KELLY, WAS FROZEN.

11:19 PM REMOVED KELLY HOSE, FROZEN SOLID. STEAMED HOSE AND KELLY REMOVED ICE.

January 16, 2008

7 AM KELLY FROZEN SOLID.

COMMENCE DRILLING.

LOST CIRCULATION. LOWERED PUMP PRESSURE TO 900 PSI TO KEEP BELOW FRAC PRESSURE. DRILLING

12 pm January 17, 2008

drilling.

7 am POH to change bit.

11:00 fixing rig line.

5 pm fixing rig line

10:32 pm TOH with mud motor. Apparently the motor does not work. Will check and put new motor in hole.

Tow subs above motor and top of motor location of float were plugged with lcm. HAD FAILED TO CLEAN THE SUBS PRIOR TO TRIPPIN IN HOLE WITH NEW BIT.

CLEANING SUBS WILL TIH WITH NEW MOTOR.

January 18, 2008

12 AM TIH WITH NEW MOTOR.

4 AM LEFT 4 STANDS OFF BOTTOM. NO RETURNS MIX HIGH VIS SWEEP.

7 AM NO RETURNS. MIX SECOND SWEEP WITH LCM 9: AM STARTING GETTING RETURNS WITH SECOND SWEEP. OIL SHOWS 10 AM MIXING THIRD SWEEP WITH HIGHER VIS. 10:27 AM GETTING FULL RETURNS. TOH IN DP.-

6:43 PM DRILLING

10 PM FLOAT PLUGGED. PULL UP 10 STRANDS. GO INTO CASING AND FLUSH. IF DOES NOT WORK TOH AND CLEAN TOOL. PLUGGED WITH LCM WERE DOING A 15 FOOT SLIDE. DID 8 FOOT SLIDE. CHECKED TRANSDUCER, IT WAS NOT WORKING. GO BACK TO DRILLING. DRILL THROUGH 2 FOOT SHALE ZONE. 6 FT/HR SLIDE.

JANUARY 19, 2008

DRILLING

7 AM DRILLING BREAK 23 FT/HR. REACHED PRODUCTIVE SAND.

10:30 AM LOST CIRCULATION ON CONNECTION. TVD 3469. FOUR FEET TO ZONE. MIXING LCM PILL

5 PM WEIGHT INDICATOR DOES NOT WORK. STOPPED DRILLING

6 PM STARTED DRILLING. CHANGED DRILLING PARAMETERS. INCREASE BIT WT. AS HYDROSTATIC PRESSURE IN DP DOES NOT EFFECT FRAC PRESSURE DUE TO PRESSURE LOSS IN DP AND BIT. REACHED TVD OF HORIZONTAL SECTION DRILLING IN THE ZONE.

11 PM TOOK SAMPLE. COMMENCE DRILLING.

JANUARY 20, 2008

7 AM DRILLING

10:00 AM LOST CIRCULATION. 11:00 AM FIXED LOST CIRCULATION. DRILLING

11:00 AM. LOST CIRCULATION. CALLED MUD ENGINEER

1;30 pm Mud engineer on location. Mixing pill

6:00 pm sent pill down hole. Stand pipe pressure came up. No returns. Pumped 120 bbls.

8 pm mixing second pill.

8:55 mixing pill.

10 pm pumped 120 bbls. Pressure on standpipe 170 psi no returns. Mixing 80 bbls ith mica and fiber

January 21, 2008

No returns.

5:30 am told to drill blind thru the fracture and then try the LCM. Drilling at 23 ft/hr pressure up to 827 psi

5:57 am drilled 8 ft. H2S monitors went off. Stopped drilling. Checked gas line. The monitor went off. No gas at Rig floor. Instructed to mix LCM and to stay away from shale shaker. Personal monitor read 45 ppm at shale shake. After 10 minutes. Personal read 0. Main sensor read 105 ppm

6:15 am called ASI. Manager stated to take the shale shaker sensor away from shale shaker, unplug sensor and reset. Tried the sensor still goes off. Called ASI was told the sensor is malfunctioning will send new sensor. All sensors read 0. Apparently, the fracture had released gas into the system and is coming back with fluid. With water as drilling fluid, the pressure is maintained. With LCM pressure drops to 0

6:30 am drilling.

Suggest aerating the system to reduce mud weight. Need to aerate the system slightly to reduce weight to 8 ppg

7 am got returns

8:24 am lost circulation. Hit second fracture. Instructed to keep drilling.

2:35 pm fixed h2s monitor. Drilling

6:00 pm lost circultation. Shut down drilling. POH to casing. Ordered gas buster and air package.

January 22, 2008

3 pm gas buster arriver.

5 pm Air package on location. Will set up next to frac tanks. Wayne from Aircomp is lead on project

8 pm Weatherford left Casper, WY for location with subs for mud motor assembly. Second compressor not on location. Wayne went to town. Nielsen sent water truck without being requested.

12:00 am waiting on equipment

January 23, 2008

7 am hooking up subs, and compressor equipment

9:30 am RIH WITH SUBS, GAMMA RAY TOOL.

10 AM TIH WITH DP

1 PM REACHED WINDOW STARTED AIR.

1:30 AIR ON BYPASS, AS RIG NEEDS REPAIR ON REDUCER. LINE IS FROZEN. USING PROPANE TO THAW OUT LINE

4:51 LINES CLEARED. STARTED COMPRSSOR.

5:00 PM CANNOT MOVE FLUID THROUGH THE MUD MOTOR. TOLD PUSHER TO TOH AND CHECK MOTOR

7:30 PM CHECKED MOTOR. HAD METAL RUST FROM COMPRESSOR ACCORDING TO WEATHERFORD AND TOOL PUSHER AS COMPRESSOR WAS NOT BLOWN DOWN.

8 PM RIH WITH NEW MOTOR

12:00 AM MIST PUMP IS FREEZING. WAITING ON MIST PUMP TO UNFREEZE

1 AM. PUMP STILL FROZEN. TOLD COMP MAN TO SHUT DOWN MIST PUMP. TO PUMP AIR AND UNLOAD WELL. HE WILL BLOW DOWN LINES AND PUMP AIR

1:44 AM STARTED TO UNLOAD. BIT AT 2 STANDS INSIDE THE WINDOW. UNLOADING OIL TO THE PIT.

2 AM 8 INCH VALVE IS LEAKING SO OIL IS SPILLING NEXT TO THE RIG. FIXING 8 INCH VALVE. INSTRUCTED TO GO INTO HOLE WITH 9 STANDS IDLE PUMP AND AERATE TO UNLOAD CUTINGS. 3 AM UNLOADING

January 25, 2008 unloading oil and water

7 am unloading

9:30 am called sterling to send operator to clean spill. Instructed pusher to go down with 9 stands and clean hole. Send water down injection well.

10 am fluid would not pump down dp. Toh to check mud motor.

11:30 mist pump fixed. Shut down compressor. Waiting on trip.

2 pm mud motor packed off with lcm

2:27 decided to clean pits

4 pm cleaning subs.

7 pm tested Kelly. TIH to 1500 and test mud motor.

10:25 pm DP at 1365. test mud motor at 1500

3 am no 9 stands off bottom. No returns. Will shut the pump, create air bubble.

4 am got returns. Ciculated for 45 mins

5 am. TIH with 5 stands got returns at 6 am. Circulate till 7:30 am

9:50 am no returns. Kicked in booster, increased air to unload well.

11:00 am started drilling with mist and air to drill through the fracture

12 pm no returns. Increased mist to 50 gpm with soap. Increased pressure

12:51 pm no returns. Made connection to drill 30 feet. 8 gpm mist pump. 131 gpm rig pump. Drilling blind. 15 ft/hr

3:40 pm returns to surface. Hit db 60 ft/hr oil to surface

5 pm made connection. Circulated for 2 hours

5:26 pm drilling at 86 ft/hr

5:40 pm made connection. BLM on site. Left without talking. Circulating for 30 minutes. Well unloading. Drilled at 100ft/hr cut back to 54 ft/hr.

6:10 pm making connection.

6:15 pm commenced drilling.

7 pm circulating. Make connection.

7:37 pm started drilling. Called HK and told about progress.

8:00 pm lost returns. Drilled 6 ft. hit a fracture.

8:27 pm instructed to drill blind to drill through the fracture.

9 pm no returns. Slowed down drilling to 14 ft/hr to get returns. Water truck to fill frac. Tanks. Mist pump back on line. Will kick in after next connection.

10:26 pm mist pump online. Instructed to shut down rig pump. Use mist pump for 50 gpm to unload well.

10:42 pm lifted up Kelly, trying to stage a bubble into horizontal legl.

11:31 pm Pulled up one joint as Hit tight spot, trying to work through the tight spot. Instructed that try to work for 30 minutes, than we can make decision. Only 150 left to TD

January 26, 2008

12 AM Making connection for the next joint to try to go through tight spot.

12:22 am. 150 ft from td. Decided to pull back to window. Put 50 gpm with mist pump to unload well. Put 30000# on bit, wont go through, will only drill through, pulled back ok. Hole is caving in at the end. Survey tool did not work.

1 am decided to call it TD. Pull out to casing window. Unload well.

1:30 am called Junior Sanchez asked him to bring gyro and RBP to mill window.

2:00 am unload for two hours.

5:00 am TOH get ready for milling window

7:54 am Weatherford on location with RBP.

8:41 am Weatherford directional stated that the battery had died in the tool.

10am rih with rbp.

11am met with WF directional

12pm WF set bridge plug testing at 1,000psi

2:30pm tested plug passed inspection 1 bag sand

2:35pm RMWL called to verify call to proceed to location

2:40 pm coming out of the hole Gyro arrived to orient the hole

3:10 pm met with WF (JR.)

3:22 Wayne left for Grand Junction.

410 PM Rocky Mt. Wireline arrived on site. Setting Up.

4:50 Weatherford getting tools ready to go in. RMWL standing by

5:30 PM water Logistics arrived. Refilled water tanks (potable)

5:30 PM crew change – crew meeting. Weatherford tools ready to go in. RMWL standing by. Met with Jerry, Jr., etc.

5:50 pm Going into well bore.

6:00 water delivered. \$320.00 – septic tanks need to be drained. Authorized clean out for Sun 27 January – overflowing onto ground Extra water put into day tank as per pusher (2000 gals) – water left over from trailers

0830 PM – running tool – RMWL moved wireline truck into place – slow –JR said took 4 ½ hrs last time to get into place. Weatherford tool schematic received.

January 27 (Sunday)

1:00 tool problem. Not sure if shear bolt set whipstock. Pulling out of well bore slowly as per Weatherford (Jr.) Feels that may be set 3' lower, if set. The directional engineer says won't be a problem if set. The direction 104 degrees good. Waiting for out of hole results. RMWL crew on call but released (3hrs away). Slow progress.

Called Tariq at 2:30 am left message.

3:00 Pulling pipe at approx 950'/hr. slow – whipstock tool may not have released or released and approximately 3ft lower than programmed.

4:27 pipe and tool out of well bore – the shear pin on the whipstock did not release. Waiting for Weatherford hand and determination of status of tool.

5:20 Inspected tool. Shear pin did not shear. Recommended new tool from Vernal, Safest way instead of attempting to re-use the failed tool, Crew Change at 5:30. Jr. Calling Vernal for new tool after inspection of failed too. Wants to add second sack of sand – only one sack in first attempt to set.

5:30 Called Tariq.

5:30 Crew Change out of hole. Inspected whipstock. Bolt had not sheared. Fine sand may have impaired spring.

0600 back into hole. To Circulate out sand. Waiting for another whipstock and heavier grained sand

0830: circulating out sand.

1200 still circulating - waiting for tool from Weatherford

12:40 waiting for tool and coarser frac sand to set thru drill pipe on bottom. Coarse sand necessary to be able to retrieve retrievable bridge plug and to set off whipstock tool. Satarting to snow.

1:18 Weatherford tool and sand arrived!

1:20 Unloading. Go through drill pipe to place sand on top of retrievable bridge plug.

2:24 Weatherford – circulated in approximately 90 lbs frac sand. Will check depth at 3:15 trip out of hole and attempt to set whipstock.

3:15 checked sand depth (90 lbs frac sand) tested to 10,000 psi. Sand held drill string will hold weatherford tool (8,000 psi) tripping out of hole to install whipstock. Then tripping back in to well bore. Left phone number with both Jerry and Junior. Went to Green River to check on Rodney and Donald. Estimate 5 hours out and back in with tool.

5:30 crew change – tool ready tripping into well bore.

730 PM tripping into well bore

1000 PM RMWL setting up –

1120 setting whipstock tool –

28 January 2008

1:30 out of drill pipe with RMWL tools. Top of sand 3043'. Set at 105 degrees Proceeding to drill out with milling tool.

0530 completed window thru whipstock. Circulate until 600 AM. Crew Change at 5:30

0600 tripping out to change bit. Put on watermelon bit to ream window.

Back into well bore. Milling a total of 17 ft. 3' hr initial slowing down.

1300 hrs drilling with reaming tool.

1400 hrs slow about 7' to go.

1600 hrs. Drilling with watermelon bit (reaming window). 11' and moving ahead,

1650 hrs. Drilling with watermelon (Reaming). Left site at 1700 as per Wayne. Good Luck!!

WS. 1920 hrs. Checked in With WF HZ team, total bill \$275,000.00 less deposit of \$150,000.00 and \$75,000.00. Will pay \$75,000.00 day after tomorrow.

Water mellon cut almost through will be tripping out.

1930 hrs. Cir.

2030hrs. Stand back Kelly

4:30 am lay down milling tools, MWD motor in the hole

5:30 am shift change

9:30am Power swv rigged up

10:30 to 10:45 full safety meeting ready to start directional drilling 150 feet with Gyro.

1:00pm Pulled out Gyro, to much vibration replaced with new Gyro

3:00pm Gyro failed birds nest in wire line

4:00pm re spooling wire line.

5:00pm. Run in hole with Gyro and seat . Gyro quite sending signals after start of drilling. Made two feet of hole before Gyro stopped working.

7:00 pm. Gyro hand REPORTED FED x WILL HAVE NEW GYRO MID MORNING Wednesday.

8:30pm Scientific Gyro called and threatened too move off the job. Claimed to have \$100,000.00 loss because of tool damage. Wants to discuss with boss. Blamed WF for loss and said there deal is with WF.

8:55pm called Tariq and he suggested we refer to WF. If Scientific walks off major legal action will be taken.

1200 hrs arrived. Checked with Pusher. Pusher left site to go to Town. Met with James from Weatherford. Put the Weatherford bill on table.

1330 hrs. Waiting on tools.

1500 hrs. Waiting on tools.

January 30, 2008

1600 hrs. Waiting on tools to be shipped.

8:15pm. For the record, Wayne Stout and son AJ Stout observed a bright light in the sky two miles before well road turn off. The light was round and white but fell quickly at a speed faster than gravity. As the object fell it changed to a crescent shape and then disappeared into the horizon. The object changed color as it fell from the sky and appeared to be bluish green in color.

8:30 pm. WS. Reporting. Gyro in hole 6 feet making a new connection.
9:45pm Gyro failed out of the hole tech will attempt repair unit, we expect delay 10:00 Bo Stinsen worked on the accounts for past 3 hours.
12:10 am Gyro repaired going in the hole

January 31,2008

1:00am Gyro back in hole working drilled 6 feet signal failed.

2:00am Gyro signal failed

3:00am Traded out parts on Gyro tested with wire line drilled 8 feet signal failed.

4:00 same

5:00 same

6:00 same

8:00 WS ordered to drill blind, total combined drilled footage 60 feet oriented with Gyro.

9:00 RMWL pulled out and gave ticket to company man.

9:30am Wayne Stout met with James instructed WF to drill blind to 120 feet, pull out, install WMD, and continue building the curve. Total loss of time on standby, 48 hours.stand by cost \$50,000.00.

12:01 pm Drilling blind

4:30pm Lauren from Weatherford called and wanted \$100,000.00 before they would lay down hole tools. Paid \$100,000.00 for the directional division, and \$61,000.00 for the whipstock and fishing division.

9:00pm getting ready to start build curve, estimate curve will be built by morning. Called Tariq and asked to contact HK for more money or no more checks could be written.

9:15 pm waiting to hear from Terence Kong or Terence Wan concerning a bank wire. Feb. 1, 2008

8:00am coming out of the hole to retool for HZ drilling.

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Southeast Lateral Drilling Daily Summary

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January 30, 2008

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10:15am called and talked to Tariq.

12 pm Tariq arrived on job site

7 pm drilling curve

10 pm drilling

* During the drilling we had electronic equipment failure which cannot be explained. The voltage dropped in the Gyro and the Gamma Ray. Saw blue lights. The location for 11-43 is the well where the pumper disappeared without a trace. No tracks etc.

11:45 pm drilling

February 2, 2008

7 am drilling. MD 3540 TVD 3403. Will TOH, add GR and Trip back with two additional joints to gain additional 90 feet of horizontal.

12 pm md 3599 drilling slow. 10 ft/hr

1:00 pm circulated for 1 hour TOH to add GR and two joints.

5 pm TIH with tools. New Tricone bit.

8 pm rigging up Kelly. Will drill 66 ft than air up.

9:30 pm drilling 21 Ft/hr

February 3, 2008

12:00 am made connection, will drill 30 ft before airing up. Trying to get into zone sooner. TVD 3450

8 am tvd 3460 ft. Air line froze so will drill with fluid. Drilled slow as problems with Kelly.

9:46 am broke through hard zone drg at 50ft/hr. Air back on. TVD 3460

10:30 am new connection. Reduced amount of soap.

12:54 pm. Drilling 50 Ft/hr. reaching horizontal section

2 pm rig broke down. Fixing diesel line

2 26 pm rig fixed.

3 pm started drilling. Oil to surface. Still 10 ft above main zone. Drilling at 85 degrees

6 pm drilling 3479 TVD. 569 ft east of well. Drill 1100 of horizontal.

8:37 pm oil to surface. In zone. Will drill horizontal.

9:22 pm drilling. Moved bit up to move into main porosity. 10:37 pm making connection. Got both black and yellow oil. The zone is much thicker. The samples react with HCL.

February 4, 2008

8:am zone at 3492 20 ft lower than on the west. Oil on each connection lost cir. On connection. Aired up to lower hydrostatic to unload well.

9 am no returns.

10 am TOH with two joints. Well unloaded.

11:46 am. Driller informed that he forgot to place polymer on the last connection. Working well to unload. Apparently the horizontal packs off during connections when fines settle on the S curves. Therefore need to work the well on each connection with polymer and to strengthen hole. Got returns. Circulating to clean hole. Instructed to add polymer and rotate to go into zone.

12:25 pm circulating to clean hole. Have oil both black and yellow in pits.

2:46 pm started drilling at 50 ft/hr. GR 50

4:34 pm MD 4362. Sample fine grained highly reactive with HCL. Oil Small. Oil to pits.

Circulating on connection.

6:42 pm lost air on connection. Got air back on after 10 mins. Working well to get returns. MD 4390. TVD 3489. FINE Grained, will dolimitic cement. Reactive with hcl. Oil cut and smell.

7 pm no returns.

7:35 pm no returns trying to get returns. Instructed to pull one stand, circulate to get returns and start drilling. Got returns w/o pulling stand. Circulated and started drilling.

11:17 pm making connection. MD 4457 TVD 3500. Medium grain, with black and yellow oil. Dolomitic cement. Bit is at 90 degrees. Moving up to porosity. Circulating to make connection.

11:30 pm started drilling. Kept rate at 35 Ft/hr.

February 5, 2008

12:26 am. Making Connection. Circulating.

12:54 am Waiting on returns. Sample medium grained, oil stained. Yellow oil. Reactive with HCL. MD 4416. TVD 3501. Projected at bit. MD 4489, TVD 3498. Bit moving into main zone.

1:23 AM waiting on returns.

2 am no returns. Instructed to pull up two stands and circulate.

3:10 am no returns working stands. Checked record, on pulling out, had two spots with 72 klbs hook load, means two spots with fines settling.

4 am got returns circulating. Instructed to go in with each stand, and circulate and than start drilling.

4:30 am circulating.

5 am put in first stand got returns.

7 am no returns with the second stand. MD 4491. Working the pipe.

7:30 am got full returns. Told to circulate and clean hole.

8 am started drilling. 20 ft/hr

9:48 am made connection.

10 am md 4521. Will survey at this connection. Fine grained red material. After washing, medium grains, reactive with acid. Reactive with acid before washing. Releases oil and H2S smell.

12 pm. Made connection. Survey MD 4553. TVD 3498

4 pm MD 4580. TVD 3494. Drilling. ROP 20. GR is not working. Cuttings have live oil, black. Fine grained reactive

7 pm drilling. MD 4613. ROP 8 FT/HR WILL TAKE SURVEY AT KELLY.

7:30 pm taking survey.. Instructed to drop faster, do a 10 ft slide. Seems we may have gone through the top. MD 4613 TVD 3495

7:45 Drilling. Slide 4 ft to lower from top. 5 Ft/hr. GR 284 is not working it is giving erroneous readings. Survey shows that the rate of inclination has decreased so we have tit the top and should slide down.

8:30 pm ran polymer sweep. Drilling at 20 ft/hr.

9 pm MD 4625.; Lost returns for 15 mins as booster went down.

9:12 pm Booster back on. Got returns. Samples have red grains, should be in zone

February 6, 2008

12:30 am Booster down. 4653. pull 4 joints and circulate. The mist pump is using frac tank water which is cold, mixed with compressed air causes ice plugs which caused the air circulation to be lost. Instructed to use day tank hot water, to prevent ice plugs. Lack of air causing packoff. The DP torqued as the hole is out of balance.

4 am no returns pull out 2 joints.

5:30 am got circulation.

6:36 am. TOH to check bit as pipe had torqued

9:30 am TOH, well unloaded on its own. Put a cushion and pull out remaining stands and check bit.

11:00 Inspected Bit, lost all three cones. Have about 1000 ft horizontal. Well unloads by itself. Waiting on decision whether to call it TD or try to fish. Had 67 hours on bit.

4 pm started stage cleaning.

4:37 pm waiting for unloading well.

4:50 pm Tool pusher informed that the driller had gone 400 ft into the window. Will pull out of the window and unload .

7 pm well started to unload, decided to go in two stands at a time and unload well. Graco will be at location 3 pm on Friday to set RBP two joints below surface.

8 pm. Circulated for 1 hour. Well unloaded intermittently, instructed to increase air for 20 minutes and than go down 2 stands and unload

10 pm unloaded.

11 pm wont unload, asked to pick up 1 stand and unload.

February 7, 2008

2 am started to unload.

3 am go in with two stands at a time.

4:30 am reserve pit is full. Called Joe to suck down pit. Rig to yoyo the pipe and keep unloading

6:30 am took loads from reserve pit. Go in with three stands at a time.

9:30 am unloading well. Plug blew out of stand pipe.

12:17 pm waiting on welder.

4 pm running compressor.

4:30 pm returns.

5:00 pm TIH with one stand. Returns at 900 psi. made connection at 400 psi.

6:30 pm TIH with 3 stands. Waiting on returns.

6:45 pm got returns at 850 psi. Built up to 800 dropped to 650 got returns, built up to 850 and got full returns. Circulate 30 mins

8:37 pm unloaded at 700 psi. Kelly up at STP pressure 300 psi.

8:55 pm Kelly up. Make connection. Three stands.

10:15 pm made connection.

February 7, 2008

12 pm. Hit a cone at 4385 ft. Circulated and got returns. Will circulate for 2 hours and run one sweep. TOH.

3:34 pm. Cleared the hole. TOH laydown tools.

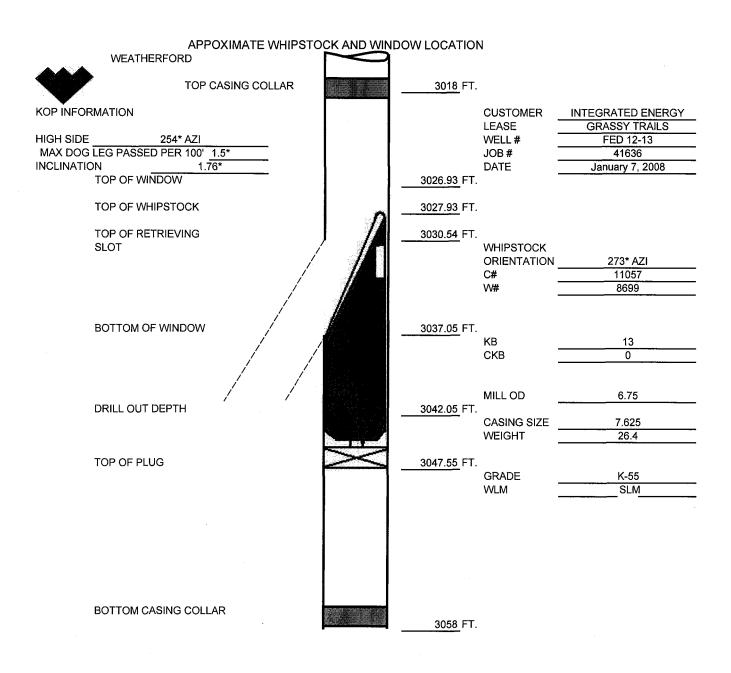
6 am. methane to surface. DP and Weight pipe out. Asked to put cushion.

8 am released air comp. Released Weatherford. Rig to be released on Saturday.

10 am set RBP @ 1000 ft. Pull at 20,000# over string weight.

11 am ASI to pick up equipment. Frontier laying down pipe. Stinson Well service to take pipe back to Weatherford in Vernal.

1 pm Tariq and Wayne left location



Federal 12-13-Sw Computalog MW.

Client : Entegrated Energy
Well Name : Federal 12-13
Location : Emery, county, Utah
KB Elevation : 5298 Page : 1 of 1 Date : 2/8/2008 File :

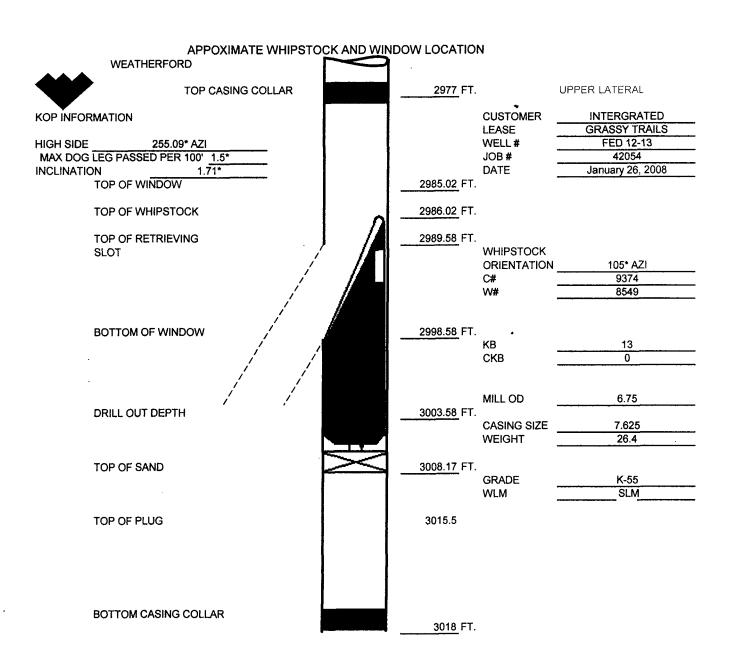
Gr Elevation: 0.00

License UWI : Vertical Section Calculated Along Azimuth 286.4°

| MD ft 3045.00 3118.00 3149.00 3181.00 3213.00 | Inc deg 2.50 6.65 8.48 12.04 16.68 | Azi deg 286.00 265.04 271.06 278.95 274.53 | TVD ft 3042.92 3115.68 3146.40 3177.89 3208.88 | North ft 5.91 5.98 5.87 6.43 7.32 | East ft -88.33 -94.07 -98.15 -103.81 -111.69 | V'Sect ft 86.40 91.94 95.81 101.40 109.21 | D'Leg °/100 0.00 6.04 6.43 11.94 14.89 | Build °/100 0.00 5.68 5.90 11.12 14.50 | Turn '/100 0.00 -28.71 19.42 24.66 -13.81 |
|---|--|--|--|---|--|---|--|--|---|
| 3245.00 | 21.75 | 273.74 | 3239.09 | 8.07 | -122.19 | 119.49 | 15.86 | 15.84 | -2.47 |
| 3276.00 | 26.44 | 272.49 | 3267.38 | 8.74 | -134.82 | 131.80 | 15.22 | 15.13 | -4.03 |
| 3308.00 | 31.19 | 271.74 | 3295.41 | 9.30 | -150.23 | 146.74 | 14.89 | 14.84 | -2.34 |
| 3340.00 | 35.69 | 273.36 | 3322.11 | 10.10 | -167.84 | 163.86 | 14.34 | 14.06 | 5.06 |
| 3371.00 | 40.50 | 273.11 | 3346.50 | 11.18 | -186.93 | 182.48 | 15.52 | 15.52 | -0.81 |
| 3403.00 | 45.13 | 272.74 | 3369.96 | 12.28 | -208.64 | 203.62 | 14.49 | 14.47 | -1.16 |
| 3435.00 | 50.56 | 274.86 | 3391.43 | 13.87 | -232.30 | 226.77 | 17.66 | 16.97 | 6.62 |
| 3466.00 | 56.80 | 275.44 | 3409.79 | 16.12 | -257.16 | 251.25 | 20.19 | 20.13 | 1.87 |
| 3498.00 | 63.13 | 275.99 | 3425.80 | 18.88 | -284.72 | 278.46 | 19.84 | 19.78 | 1.72 |
| 3530.00 | 69.44 | 276.86 | 3438.66 | 22.16 | -313.81 | 307.30 | 19.87 | 19.72 | 2.72 |
| 3545.00 | 72.44 | 277.11 | 3443.56 | 23.89 | -327.88 | 321.29 | 20.06 | 20.00 | 1.67 |
| 3561.00 | 75.50 | 277.11 | 3447.97 | 25.79 | -343.14 | 336.46 | 19.12 | 19.12 | 0.00 |
| 3593.00 | 81.56 | 279.11 | 3454.34 | 30.22 | -374.17 | 367.48 | 19.90 | 18.94 | 6.25 |
| 3624.00 | 84.88 | 279.11 | 3457.99 | 35.09 | -404.56 | 398.01 | 10.71 | 10.71 | 0.00 |
| 3688.00 | 87.13 | 279.24 | 3462.45 | 45.27 | -467.59 | 461.34 | 3.52 | 3.52 | 0.20 |
| 3720.00 | 88.44 | 279.44 | 3463.69 | 50.46 | -499.14 | 493.08 | 4.14 | 4.09 | 0.63 |
| 3752.00 | 89.44 | 279.61 | 3464.28 | 55.76 | -530.69 | 524.84 | 3.17 | 3.12 | 0.53 |
| 3784.00 | 89.69 | 279.24 | 3464.52 | 61.00 | -562.26 | 556.60 | 1.40 | 0.78 | -1.16 |
| 3815.00 | 89.14 | 280.05 | 3464.84 | 66.19 | -592.82 | 587.39 | 3.16 | -1.77 | 2.61 |
| 3847.00 | 89.25 | 279.86 | 3465.29 | 71.72 | -624.33 | 619.18 | 0.69 | 0.34 | -0.59 |
| 3878.00 | 88.19 | 279.49 | 3465.98 | 76.93 | -654.88 | 649.96 | 3.62 | -3.42 | -1.19 |
| 3910.00 | 87.06 | 279.11 | 3467.31 | 82.10 | -686.44 | 681.69 | 3.73 | -3.53 | -1.19 |
| 3942.00 | 85.69 | 279.74 | 3469.33 | 87.33 | -717.94 | 713.39 | 4.71 | -4.28 | 1.97 |
| 3974.00 | 86.88 | 279.74 | 3471.41 | 92.73 | -749.41 | 745.10 | 3.72 | 3.72 | 0.00 |
| 4005.00 | 87.63 | 279.61 | 3472.89 | 97.93 | -779.94 | 775.85 | 2.46 | 2.42 | -0.42 |
| 4037.00 | 88.12 | 279.61 | 3474.08 | 103.27 | -811.46 | 807.61 | 1.53 | 1.53 | 0.00 |
| 4069.00 | 88.63 | 279.36 | 3474.98 | 108.54 | -843.01 | 839.36 | 1.77 | 1.59 | -0.78 |
| 4100.00 | 89.46 | 279.90 | 3475.50 | 113.73 | -873.57 | 870.14 | 3.19 | 2.68 | 1.74 |
| 4132.00 | 90.00 | 279.61 | 3475.65 | 119.15 | -905.11 | 901.92 | 1.92 | 1.69 | -0.91 |
| 4164.00 | 91.13 | 279.36 | 3475.34 | 124.42 | -936.67 | 933.69 | 3.62 | 3.53 | -0.78 |
| 4196.00 | 92.13 | 279.24 | 3474.43 | 129.59 | -968.24 | 965.43 | 3.15 | 3.12 | -0.37 |
| 4227.00 | 93.06 | 279.24 | 3473.02 | 134.56 | -998.80 | 996.16 | 3.00 | 3.00 | 0.00 |
| 4259.00 | 93.88 | 278.99 | 3471.09 | 139.62 | -1030.34 | 1027.84 | 2.68 | 2.56 | -0.78 |
| 4291.00 | 94.38 | 278.99 | 3468.78 | 144.61 | -1061.86 | 1059.49 | 1.56 | 1.56 | 0.00 |

Bottom Hole Closure 1071.67ft Along Azimuth 277.76°

SEC. 11



Federal se

Fede
Computalog
Client : INTEGRATED ENERGY
Well Name : FEDERAL 12-13 LAT.2
Location : EMERY COUNTY, UT
KB Elevation : 5298
License : Page : 1 of 1 Date : 2/6/2008 File :4013331 Gr Elevation : 5283.00

UWI : License Vertical Section Calculated Along Azimuth 104.36°

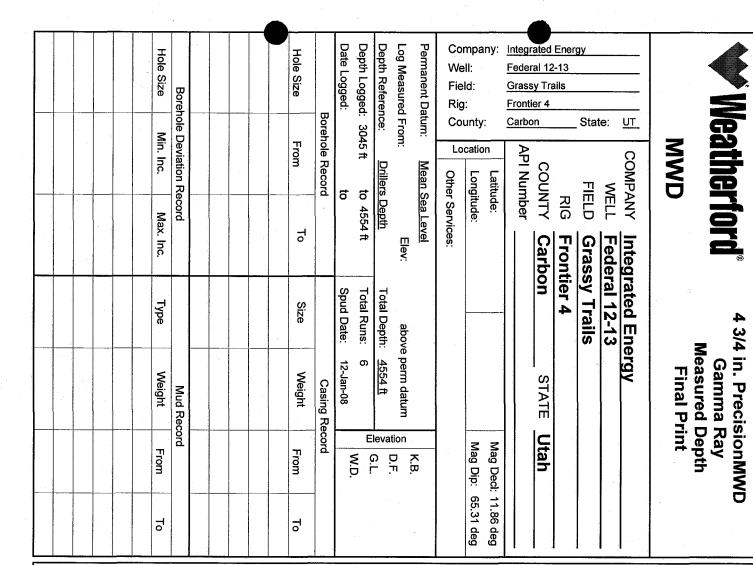
| MD | Inc | Azi | TVD | North | East | V'Sect | D'Leg | Build | Turn |
|---|---|--|---|---|--|---|--------------------------------------|--------------------------------------|--|
| ft | deg | deg | ft | ft | ft | ft | °/100 | °/100 | °/100 |
| 2985.00 | 1.70 | 255.72 | 2982.96 | 4.97 | -86.37 | -84.90 | 0.00 | 0.00 | 0.00 |
| 3062.00 | 11.86 | 114.46 | 3059.46 | 1.40 | -80.25 | -78.09 | 17.18 | 13.19 | -183.45 |
| 3087.00 | 15.87 | 121.41 | 3083.73 | -1.45 | -74.99 | -72.29 | 17.34 | 16.04 | 27.80 |
| 3118.00 | 20.75 | 124.69 | 3113.15 | -6.79 | -66.85 | -63.08 | 16.08 | 15.74 | 10.58 |
| 3150.00 | 25.31 | 123.99 | 3142.59 | -13.84 | -56.51 | -51.31 | 14.28 | 14.25 | -2.19 |
| 3182.00 | 29.69 | 119.74 | 3170.97 | -21.60 | -43.95 | -37.22 | 14.99 | 13.69 | -13.28 |
| 3214.00 | 33.75 | 117.24 | 3198.19 | -29.61 | -29.16 | -20.91 | 13.33 | 12.69 | -7.81 |
| 3245.00 | 36.56 | 112.86 | 3223.54 | -37.14 | -12.99 | -3.38 | 12.18 | 9.06 | -14.13 |
| 3277.00 | 39.75 | 111.36 | 3248.70 | -44.57 | 5.32 | 16.21 | 10.38 | 9.97 | -4.69 |
| 3309.00 | 43.25 | 109.99 | 3272.66 | -52.04 | 25.16 | 37.28 | 11.30 | 10.94 | -4.28 |
| 3340.00 | 46.63 | 108.61 | 3294.60 | -59.27 | 45.83 | 59.09 | 11.35 | 10.90 | -4.45 |
| 3372.00 | 49.75 | 106.11 | 3315.93 | -66.38 | 68.59 | 82.91 | 11.36 | 9.75 | -7.81 |
| 3404.00 | 52.38 | 105.86 | 3336.04 | -73.23 | 92.52 | 107.79 | 8.24 | 8.22 | -0.78 |
| 3435.00 | 55.88 | 105.24 | 3354.20 | -79.96 | 116.71 | 132.90 | 11.41 | 11.29 | -2.00 |
| 3467.00 | 59.44 | 103.99 | 3371.32 | -86.77 | 142.87 | 159.93 | 11.60 | 11.12 | -3.91 |
| 3499.00 | 62.94 | 102.24 | 3386.74 | -93.13 | 170.18 | 187.96 | 11.94 | 10.94 | -5.47 |
| 3530.00 | 66.18 | 100.52 | 3400.05 | -98.65 | 197.62 | 215.91 | 11.59 | 10.45 | -5.55 |
| 3562.00 | 68.24 | 98.29 | 3412.45 | -103.46 | 226.72 | 245.29 | 9.09 | 6.44 | -6.97 |
| 3594.00 | 71.81 | 98.11 | 3423.38 | -107.75 | 256.48 | 275.19 | 11.17 | 11.16 | -0.56 |
| 3626.00 | 75.00 | 98.99 | 3432.52 | -112.31 | 286.80 | 305.70 | 10.31 | 9.97 | 2.75 |
| 3657.00 | 78.19 | 100.24 | 3439.70 | -117.35 | 316.53 | 335.74 | 11.01 | 10.29 | 4.03 |
| 3689.00 | 80.13 | 100.99 | 3445.72 | -123.14 | 347.42 | 367.10 | 6.48 | 6.06 | 2.34 |
| 3721.00 | 82.31 | 101.74 | 3450.61 | -129.37 | 378.42 | 398.68 | 7.20 | 6.81 | 2.34 |
| 3752.00 | 82.69 | 101.99 | 3454.65 | -135.69 | 408.50 | 429.39 | 1.46 | 1.23 | 0.81 |
| 3784.00 | 82.25 | 101.86 | 3458.85 | -142.24 | 439.54 | 461.08 | 1.43 | -1.38 | -0.41 |
| 3816.00 | 81.56 | 101.61 | 3463.35 | -148.69 | 470.56 | 492.73 | 2.29 | -2.16 | -0.78 |
| 3848.00 | 80.81 | 101.74 | 3468.26 | -155.09 | 501.52 | 524.32 | 2.38 | -2.34 | 0.41 |
| 3879.00 | 82.75 | 103.74 | 3472.69 | -161.85 | 531.45 | 554.98 | 8.94 | 6.26 | 6.45 |
| 3911.00 | 82.96 | 103.86 | 3476.67 | -169.43 | 562.28 | 586.73 | 0.75 | 0.66 | 0.37 |
| 3943.00 | 82.44 | 103.49 | 3480.74 | -176.93 | 593.12 | 618.47 | 1.99 | -1.62 | -1.16 |
| 3973.00 | 84.44 | 103.74 | 3484.16 | -183.95 | 622.09 | 648.27 | 6.72 | 6.67 | 0.83 |
| 4005.00 | 83.94 | 103.49 | 3487.40 | -191.44 | 653.03 | 680.11 | 1.75 | -1.56 | -0.78 |
| 4037.00 | 85.69 | 104.14 | 3490.29 | -199.05 | 683.97 | 711.97 | 5.83 | 5.47 | 2.03 |
| 4067.00 | 86.13 | 103.86 | 3492.43 | -206.29 | 713.01 | 741.89 | 1.74 | 1.47 | -0.93 |
| 4099.00 | 87.75 | 104.99 | 3494.14 | -214.25 | 743.95 | 773.85 | 6.17 | 5.06 | 3.53 |
| 4131.00 | 88.75 | 105.99 | 3495.12 | -222.79 | 774.78 | 805.83 | 4.42 | 3.13 | 3.12 |
| 4162.00 | 88.31 | 105.99 | 3495.91 | -231.33 | 804.57 | 836.80 | 1.42 | -1.42 | 0.00 |
| 4194.00 | 88.13 | 105.74 | 3496.91 | -240.07 | 835.33 | 868.78 | 0.96 | -0.56 | -0.78 |
| 4226.00 | 88.00 | 105.61 | 3497.99 | -248.71 | 866.13 | 900.75 | 0.57 | -0.41 | -0.41 |
| 4257.00 | 87.95 | 105.72 | 3499.08 | -257.08 | 895.96 | 931.72 | 0.39 | -0.16 | 0.35 |
| 4289.00 4321.00 4352.00 4384.00 4416.00 | 88.06 89.19 89.63 90.19 91.00 | 105.49 105.61 105.36 104.99 104.74 | 3500.20 3500.97 3501.28 3501.34 3501.00 | -265.68 -274.26 -282.53 -290.91 -299.12 Page | 926.76 957.58 987.45 1018.33 1049.26 | 963.69 995.68 1026.67 1058.67 1090.66 | 0.80 3.55 1.63 2.10 2.65 | 0.34 3.53 1.42 1.75 2.53 | -0.72 0.37 -0.81 -1.16 -0.78 |

Federal se

| 4479.00 | 92.63 | 104.49 | 3499.01 | -315.01 | 1110.19 | 1153.63 | 2.62 | 2.59 | -0.40 |
|---------|-------|--------|---------|---------|---------|---------|------|------|-------|
| 4542.00 | 93.63 | 104.49 | 3495.57 | -330.75 | 1171.09 | 1216.53 | 1.59 | 1.59 | 0.00 |
| 4615.00 | 94.79 | 104.49 | 3490.21 | -348.96 | 1241.58 | 1289.34 | 1.59 | 1.59 | 0.00 |

Bottom Hole Closure 1289.69ft Along Azimuth 105.70°

1629.04 F52 1904.08 FWZ 560 12



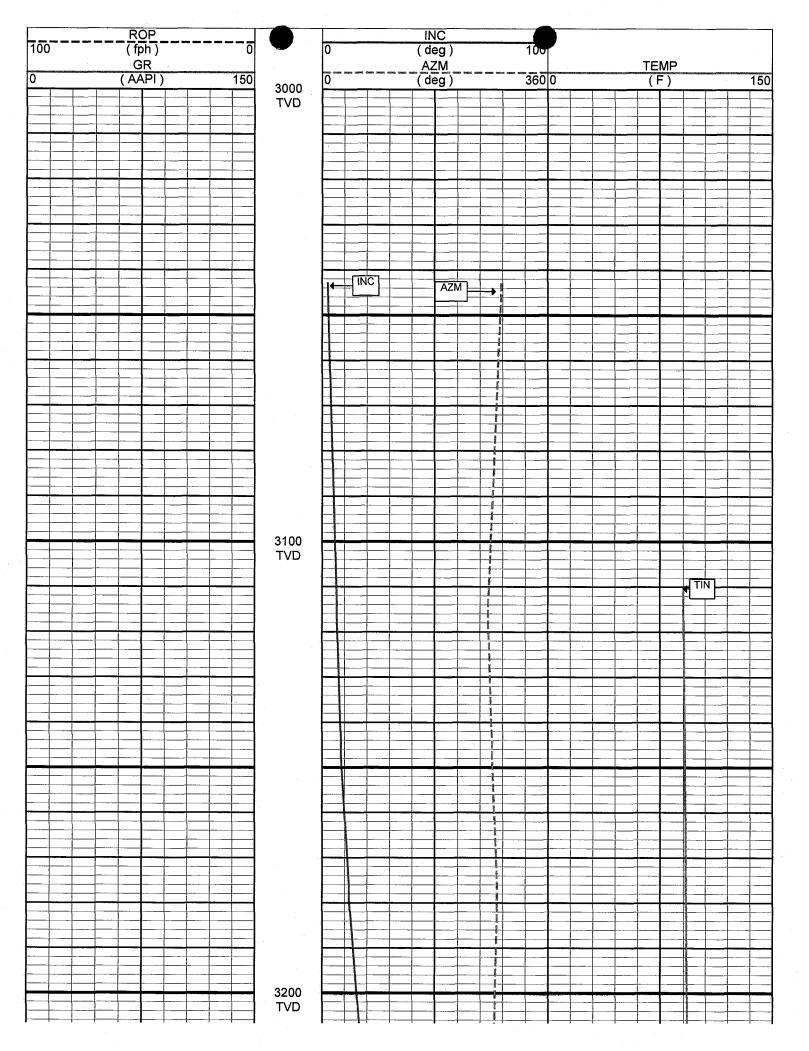
All interpretations of log data are opinions based on inferences from electrical or other measurements. Precision does not guarantee the accuracy or correctness of any interpretation or recommendation and we shall not be liable or responsible for any loss, cost, damages or expenses incurred or sustained by anyone resulting from any interpretation or recommendation made by any of our employees or agents.

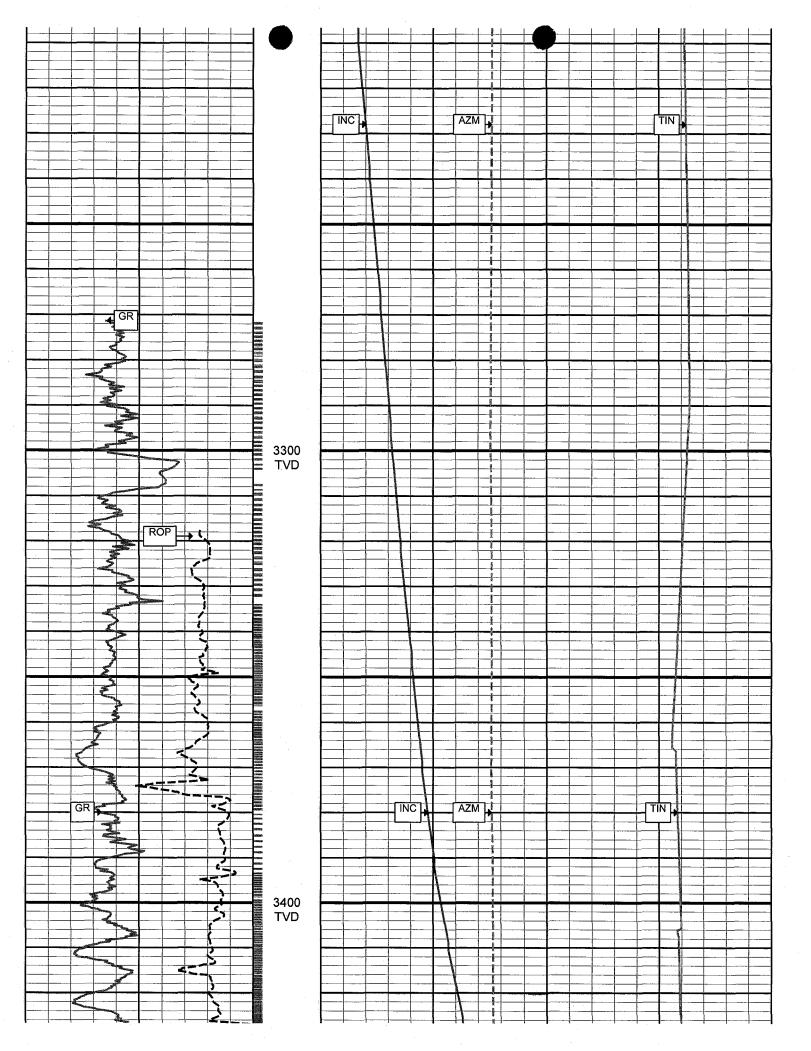
| | | | | RUN SUI | MMARY | | | | |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|---|--|
| Run Number | | 1 | 2 | 3 | 4 | 5 | 6 | | |
| Bit Size | in | 6 1/4 | 6 1/4 | 6 1/4 | 6 1/4 | | 6 1/4 | | |
| Bit Type | | Rock | Rock | PDC | Rock | Rock | Rock | | |
| Bit TFA | in² | | 1.9350 | 1.9350 | 1.9350 | 1.9350 | 1.9350 | | |
| Drill or Wipe | | Drill | Drill | Drill | | Drill | Drill | | |
| Bit Start Depth | ft | 3045 | 3470 | 3616 | 3772 | 3772 | 4395 | | |
| Bit End Depth | ft | 3415 | 3616 | 3772 | 3772 | 4395 | 4554 | | |
| Total Footage Drilled | ft | 370 | 146 | 156 | 0 | 623 | 159 | | |
| Total Footage Wiped | ft | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Begin Run Time | hrs | 11:01 | 22:45 | 4:30 | 11:33 | 0:00 | 8:41 | | |
| Begin Run Date | MM/DD/YY | 01/10/08 | 01/13/08 | 01/15/08 | 01/17/08 | 01/18/08 | 01/23/08 | | |
| End Run Time | hrs | 0:00 | 4:30 | 11:15 | 0:00 | 0:00 | 0:00 | | |
| End Run Date | MM/DD/YY | 01/14/08 | 01/15/08 | 01/17/08 | 01/18/08 | 01/22/08 | 01/27/08 | | |
| Flow Rate | gpm | 264 | 266 | 266 | 266 | 238 | 238 | | |
| Max AV / CV @ MWD | ft/min | 392 / 0 | 395 / 0 | 395 / 0 | 395 / 0 | 353 / 0 | 353 / 0 | | |
| Min Inc | deg | | | : | | | | 1 | |

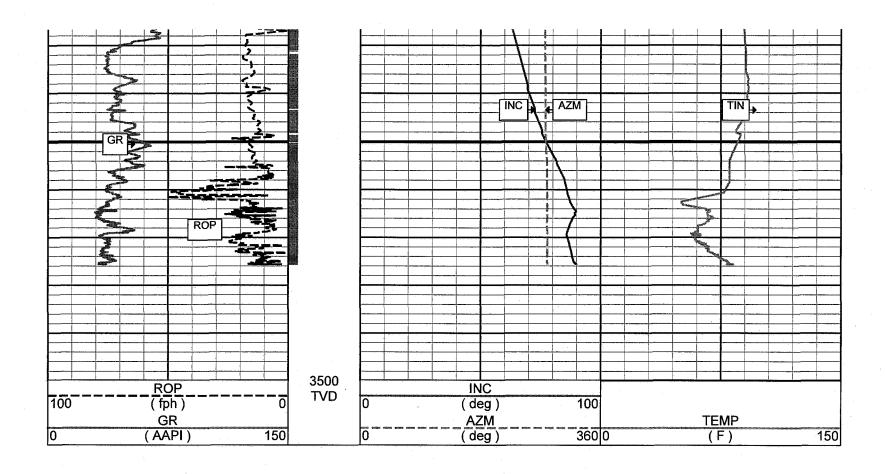
| · | 45.13 | 72.44 | 87.13 | 87.13 | 94.38 | 94.38 | | |
|---|---|--|--|--|---|--|--------------|--|
| Max Inc deg | 10110 | | | | | | | |
| MUD DATA | | | | | | | | |
| Fluid Type | Water | Water | Water | Water | Water | Aerated | | |
| Mud Weight ppg | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | | |
| Viscosity sec/qt | | | | | | | | |
| PV / YP | 1 | 1 | 1 | - 1 | / | 1 | | |
| Solids / Sand % | 1 | 1 | 1 | 1 | 1 | 1 | | |
| Chlorides ppm | 0 | 0 | 0 | 0 | 0 | 0 | | |
| pH / Fluid Loss mL/30 min | | | | | | | | |
| Oil:Water Ratio | : | : 100 | : 100 | : 100 | : 100 | : 100 | | |
| Rm @ Temperature ohm-m @ °F | | | | | | | | |
| Rmf @ Temperature ohm-m @ °F | | | | | ·- | | | |
| Rmc @ Temperature ohm-m @ °F | | - | | | | · · · · · · | - | |
| Max Borehole Temp °F | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | | |
| Rm @ Max Tool Temp ohm-m | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Potassium ppm | | | | <u> </u> | | | | |
| | | | | | | | | |
| | | | | | ; | | | |
| Client Representative PES Logging Engineer | T. Cluff | T. Cluff | T. Cluff | T. Cluff | T. Cluff | T. Cluff | | |
| Client Representative PES Logging Engineer | | EQ | UIPMENT | SUMMAR | Y | | | |
| Client Representative PES Logging Engineer Run Number | 1 | EQ ² | UIPMENT | SUMMAR | Y 5 | 6 | | |
| Client Representative PES Logging Engineer Run Number | | EQ | UIPMENT | SUMMAR | Y | | | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number | 1 | EQ ² | UIPMENT | SUMMAR | Y 5 | 6 | | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number Battery Serial Number | 1 145 / 302 4814 | EQ 2 145 / 302 | 3 145 / 302 | SUMMAR 4 145 / 302 | Y 5 145 / 302 | 6 145 / 302 | | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number Battery Serial Number Sensor to Bit Offsets / Acquisition | 1 145 / 302 4814 | EQ 2 145 / 302 | 3 145 / 302 | SUMMAR 4 145 / 302 | Y 5 145 / 302 | 6 145 / 302 | | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number Battery Serial Number Sensor to Bit Offsets / Acquisition Temperature ft / sec | 1 145 / 302 4814 | EQ 2 145 / 302 | 3 145 / 302 | SUMMAR 4 145 / 302 | Y 5 145 / 302 | 6 145 / 302 | | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number Battery Serial Number Sensor to Bit Offsets / Acquisition Temperature ft / sec | 1 145 / 302 4814 on Rates | EQ 2 145 / 302 | 3 145 / 302 | SUMMAR 4 145 / 302 | Y 5 145 / 302 | 6 145 / 302 | | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number Battery Serial Number Sensor to Bit Offsets / Acquisition Temperature ft / sec Sensor Calibrations Main Processor Firmware/Software | 1 145 / 302 4814 on Rates | EQ 2 145 / 302 | 3 145 / 302 | SUMMAR 4 145 / 302 | Y 5 145 / 302 | 6 145 / 302 | | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number Battery Serial Number Bensor to Bit Offsets / Acquisition Femperature ft / sec Sensor Calibrations Main Processor Firmware/Software Directional | 1 145 / 302 4814 on Rates | 2 145 / 302 4814 | 3 145 / 302 4814 | 4 145 / 302 4815 | Y 5 145 / 302 4815 | 6 145 / 302 3687 | | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number Battery Serial Number Sensor to Bit Offsets / Acquisition Temperature ft / sec Sensor Calibrations Main Processor Firmware/Software Directional Spectrum | 1 145 / 302 4814 on Rates are Versions 145.00 | 2 145 / 302 4814 | 3 145 / 302 4814 | SUMMAR 4 145 / 302 4815 | Y 5 145 / 302 4815 | 6 145 / 302 3687 | | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number Battery Serial Number Sensor to Bit Offsets / Acquisition | 1 145 / 302 4814 on Rates are Versions 145.00 | 2 145 / 302 4814 | 3 145 / 302 4814 | SUMMAR 4 145 / 302 4815 | Y 5 145 / 302 4815 | 6 145 / 302 3687 | | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number Battery Serial Number Sensor to Bit Offsets / Acquisition Temperature ft / sec Sensor Calibrations Main Processor Firmware/Software Directional Spectrum Other Information | 1 145 / 302 4814 on Rates are Versions 145.00 v.4.11.1605.4v Steerable 19 | 2 145 / 302 4814 145.00 v.4.11.1605.4v | 3 145 / 302 4814 145.00 v.4.11.1605.4v | 4 145 / 302 4815 145.00 v.4.11.1605.4v | Y 5 145 / 302 4815 145.00 v.4.11.1605.4v | 6 145 / 302 3687 145.00 v.4.11.1605.4v | | |

| | | CURVE SPEC | CIFICATIONS | |
|-------|-------------------|----------------|--------------------|---------------------|
| | | Smo | oothing | |
| Curve | Curve Description | Window (ft) | Resolution (ft) | Corrections Applied |
| | | | | |

1:240 Scale - True Vertical Depth



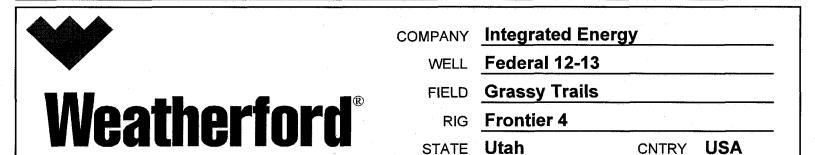


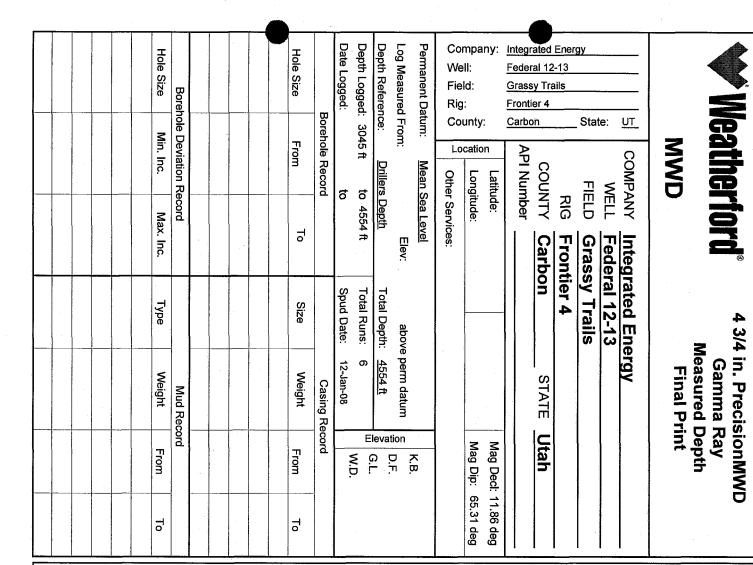


1:240 Scale - True Vertical Depth

| | | | SUR | VEYS | | | |
|-----------------------|------------------|---------------|---------|------------------|--|----------------------------|------------------|
| Survey Calculat | ion Method: Min | imum Curvatur | ·e | | N-W to | | |
| Magnetic Reference | Target Direction | Total | Magn | etic Dip ngle | Magnetic Declination | Grid Convergence | Total Correction |
| True North | 286.40 deg | 52220 nT | 65.3 | 1 deg | 11.86 deg | 0.00 deg | 11.86 deg |
| | Depth | INC | , | λZ | TVD | NS | EW |
| Survey Tie-On | 3045.00 ft | 2.50 deg | 286.0 | 00 deg | 3042.92 ft | 5.91 ft | -88.33 ft |
| Depth | Inc | Azm | TVD | NS | EW | VSect | Dogleg |
| ft | deg | deg | ft | ft | ft | ft | deg/100ft |
| 3118.00 | 6.65 | 265.04 | 3115.68 | 5.98 | -94.07 | 91.94 | 6.04 |
| 3149.00 | 8.48 | 271.06 | 3146.40 | 5.86 | -94.07 -98.15 | 91.9 4 95.81 | 6.43 |
| 3181.00 | 12.04 | 278.95 | 3177.89 | 6.43 | -96.15 -103.81 | 101.40 | 11.93 |
| 3213.00 | 16.68 | 274.53 | 3208.88 | 7.32 | -111.68 | 109.20 | 14.88 |
| 3245.00 | 21.75 | 273.74 | 3239.09 | 8.07 | -122.18 | 119.49 | 15.88 |
| 3276.00 | 26.44 | 272.49 | 3267.38 | 8.74 | -134.82 | 131.80 | 15.21 |
| 3308.00 | 31.19 | 271.74 | 3295.41 | 9.30 | -150.22 | 146.74 | 14.89 |
| 3340.00 | 35.69 | 273.36 | 3322.11 | 10.10 | | 163.85 | 14.34 |
| 3371.00 | 40.50 | 273.30 | 3346.50 | 11.17 | | 182.47 | 15.53 |
| 3403.00 | 45.13 | 272.74 | 3369.97 | | | 203.61 | 14.47 |
| 3435.00 | 50.56 | 274.86 | 3391.44 | 12.28 13.87 | | 226.76 | 17.69 |
| 3466.00 | 56.80 | 275.44 | 3409.79 | 16.11 | | 251.24 | 20.19 |
| 3498.00 | 63.13 | 275.44 | 3425.80 | 18.87 | | 278.45 | 19.81 |
| 3530.00 | 69.44 | 276.86 | 3438.66 | 22.15 | | 307.29 | 19.88 |
| 3545.00 | 72.44 | 277.11 | 3443.56 | 23.88 | | | 20.06 |
| 3561.00 | 75.50 | 277.11 | 3447.98 | 25.78 | | 321.28 336.45 | 19.14 |
| 3593.00 | 81.56 | | | 25.76 30.21 | | * | |
| | | 279.11 | 3454.34 | | | 367.47 398.00 | 19.91 |
| 3624.00 | 84.88 | 279.11 | 3458.00 | 35.08 | | | 10.69 |
| 3656.00 3688.00 | 86.00 87.13 | 279.24 | 3460.55 | 40.17 | | 429.64 | 3.54 |
| | | 279.24 | 3462.46 | 45.29 | | 461.34 | 3.52 |
| 3720.00 | 88.44 | 279.24 | 3463.70 | 50.43 | | 493.06 | 4.10 |
| 3752.00 | 89.44 | 279.61 | 3464.30 | 55.66 | | 524.82 | 3.34 |
| 3783.00 | 89.69 | 279.24 | 3464.53 | 60.74 | | | 1.45 |
| 3815.00 | 89.14 | 280.05 | 3464.86 | 66.10 | | 587.36 | 3.06 |
| 3847.00 | 89.25 | 279.86 | 3465.31 | 71.63 | | | 0.68 |
| 3878.00 | 88.19 | 279.49 | 3466.00 | 76.84 | | 649.94 | 3.63 |
| 3910.00 | 87.06 | 279.11 | 3467.33 | 82.00 | | | 3.71 |
| 3942.00 | 85.69 | 279.74 | 3469.35 | 87.23 | | | 4.72 |
| 3974.00 | 86.88 | 279.74 | 3471.43 | 92.63 | | | 3.71 |
| 4005.00 | 87.63 | 279.61 | 3472.92 | 97.83 | | | 2.45 |
| 4037.00 | 88.13 | 279.61 | 3474.10 | 103.17 | | | 1.56 |
| 4069.00 | 88.63 | 279.36 | 3475.01 | 108.44 | | | 1.75 |
| 4100.00 | 89.46 | 279.90 | 3475.53 | 113.63 | | | 3.20 |
| 4132.00 | 90.00 | 279.61 | 3475.68 | 119.05 | and the second s | 901.90 | 1.93 |
| 4164.00 | 91.13 | 279.36 | 3475.37 | 124.32 | | 933.67 | 3.60 |
| 4196.52 | 92.13 | 279.24 | 3474.45 | 129.57 | | 965.92 | 3.10 |
| 4227.00 | 93.06 | 279.24 | 3473.07 | 134.46 | | 996.13 | 3.08 |
| 4259.00 | 93.88 | 278.99 | 3471.13 | 139.52 | 2 -1030.35 | 1027.82 | 2.66 |

Vertical Section is 1163.09 ft along the target direction of 286.40 deg at a measured depth of 4395.80 ft. Horizontal Displacement is 1176.13 ft along the well bore azimuth of 277.86 deg. The total correction is 11.86 deg relative to True North.





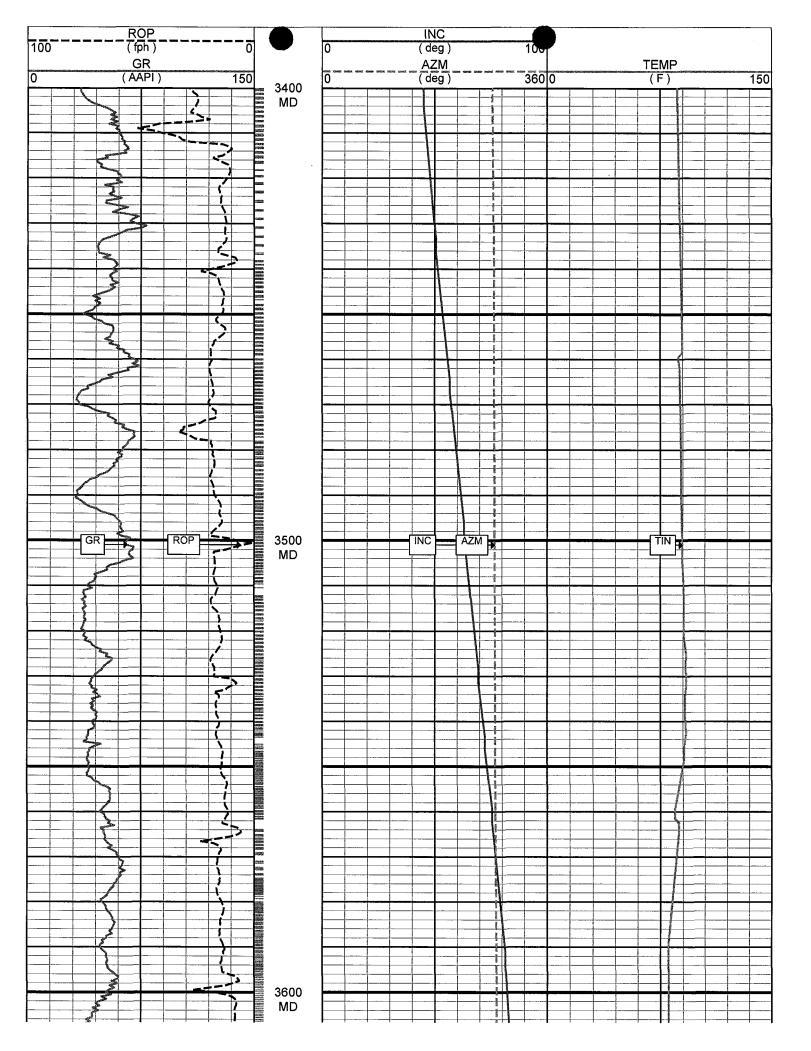
All interpretations of log data are opinions based on inferences from electrical or other measurements. Precision does not guarantee the accuracy or correctness of any interpretation or recommendation and we shall not be liable or responsible for any loss, cost, damages or expenses incurred or sustained by anyone resulting from any interpretation or recommendation made by any of our employees or agents.

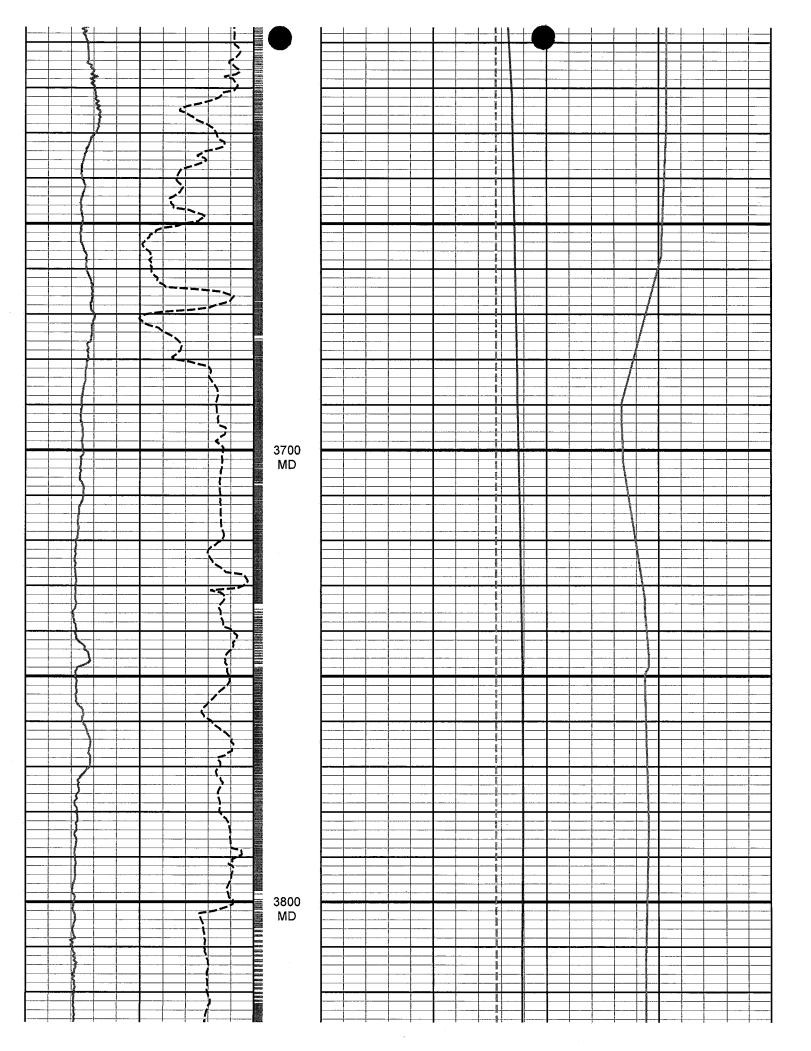
| RUN SUMMARY | | | | | | | | | | | |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|--|--|--|--|
| Run Number | | 1 | 2 | 3 | 4 | 5 | 6 | | | | |
| Bit Size | in | 6 1/4 | 6 1/4 | 6 1/4 | 6 1/4 | | 6 1/4 | | | | |
| Bit Type | | Rock | Rock | PDC | Rock | Rock | Rock | | | | |
| Bit TFA | in² | | 1.9350 | 1.9350 | 1.9350 | 1.9350 | 1.9350 | | | | |
| Drill or Wipe | | Drill | Drill | Drill | | Drill | Drill | | | | |
| Bit Start Depth | ft | 3045 | 3470 | 3616 | 3772 | 3772 | 4395 | | | | |
| Bit End Depth | ft | 3415 | 3616 | 3772 | 3772 | 4395 | 4554 | | | | |
| Total Footage Drilled | ft | 370 | 146 | 156 | 0 | 623 | 159 | | | | |
| Total Footage Wiped | ft | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| Begin Run Time | hrs | 11:01 | 22:45 | 4:30 | 11:33 | 0:00 | 8:41 | | | | |
| Begin Run Date | MM/DD/YY | 01/10/08 | 01/13/08 | 01/15/08 | 01/17/08 | 01/18/08 | 01/23/08 | | | | |
| End Run Time | hrs | 0:00 | 4:30 | 11:15 | 0:00 | 0:00 | 0:00 | | | | |
| End Run Date | MM/DD/YY | 01/14/08 | 01/15/08 | 01/17/08 | 01/18/08 | 01/22/08 | 01/27/08 | | | | |
| Flow Rate | gpm | 264 | 266 | 266 | 266 | 238 | 238 | | | | |
| Max AV / CV @ MWD | ft/min | 392 / 0 | 395 / 0 | 395 / 0 | 395 / 0 | 353 / 0 | 353 / 0 | | | | |
| Min Inc | deg | | | | | | | | | | |

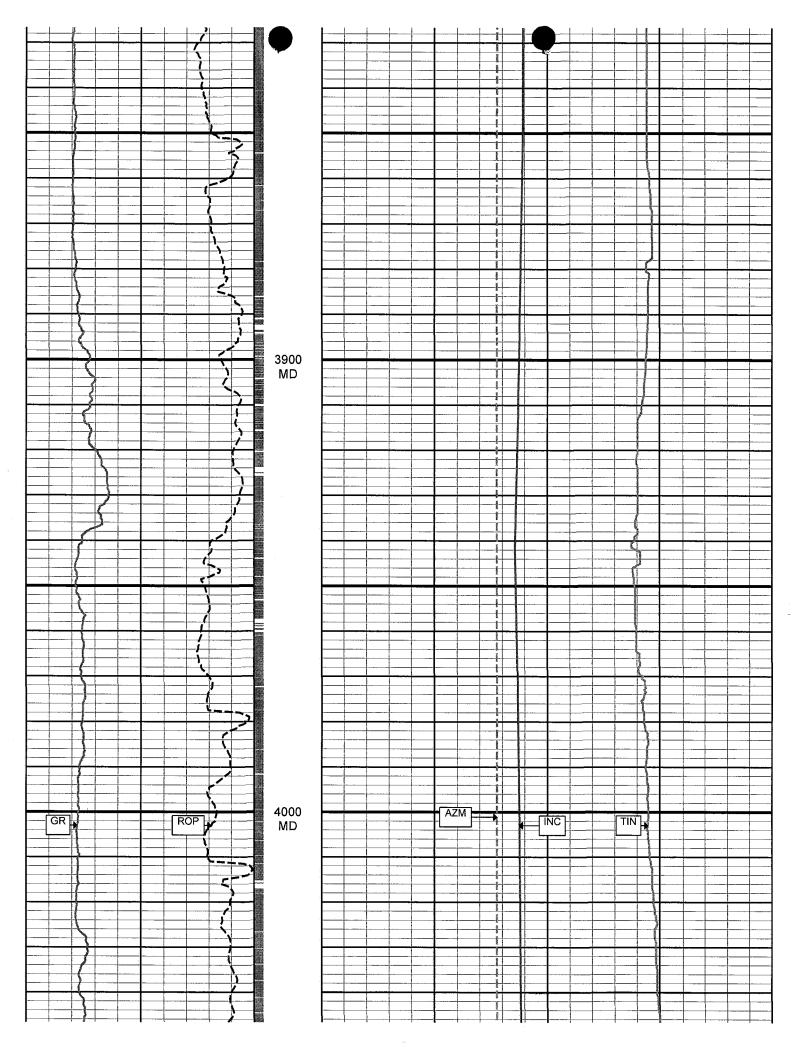
| Max Inc dec | 45.13 | 72,44 | 87.13 | 87.13 | 94.38 | 94.38 | |
|---|--|--|--|--|---|--|------|
| Max Inc deg | A | | | | | | |
| MUD DATA | | | | | | | |
| Fluid Type | Water | Water | Water | Water | Water | Aerated | |
| Mud Weight ppg | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | |
| Viscosity sec/q | t | | | | | | |
| PV / YP | 1 | 1 | 1 | 1 | 1 | / | |
| Solids / Sand % | , / | 1 | 1 | / | 1 | / | |
| Chlorides ppm | 0 | 0 | 0 | 0 | 0 | 0 | |
| pH / Fluid Loss mL/30 mir | | | | | | | |
| Oil:Water Ratio | : | : 100 | : 100 | : 100 | : 100 | : 100 | |
| Rm @ Temperature ohm-m @ °F | : | | | | | | |
| Rmf @ Temperature ohm-m @ °F | | | | | | · | |
| Rmc @ Temperature ohm-m @ °F | | | | | | | |
| Max Borehole Temp °F | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | |
| Rm @ Max Tool Temp ohm-m | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | | | | | | |
| Potassium ppm | | | | | | | |
| | | | | | | | |
| Client Representative | T. Cluff | T. Cluff | T. Cluff | T. Cluff | T. Cluff | T. Cluff | |
| Client Representative | | | | T. Cluff | | T. Cluff | |
| Client Representative PES Logging Engineer | | | | | | T. Cluff | |
| Client Representative PES Logging Engineer Run Number | T. Cluff | EQ | UIPMENT | SUMMAR | Y | | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number | T. Cluff | EQ 2 | UIPMENT 3 | SUMMAR' | Y 5 | 6 | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number Battery Serial Number | T. Cluff 1 145 / 302 4814 | EQ 2 145 / 302 | 3 145 / 302 | SUMMAR 4 145 / 302 | Y 5 145 / 302 | 6 145 / 302 | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number Battery Serial Number Sensor to Bit Offsets / Acquisiti | T. Cluff 1 145 / 302 4814 on Rates | EQ 2 145 / 302 | 3 145 / 302 | SUMMAR 4 145 / 302 | Y 5 145 / 302 | 6 145 / 302 | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number Battery Serial Number Sensor to Bit Offsets / Acquisiti Temperature ft / sec | T. Cluff 1 145 / 302 4814 on Rates | EQ 2 145 / 302 | 3 145 / 302 | SUMMAR 4 145 / 302 | Y 5 145 / 302 | 6 145 / 302 | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number Battery Serial Number Sensor to Bit Offsets / Acquisiti Temperature ft / sec | 1 145 / 302 4814 on Rates | EQ 2 145 / 302 | 3 145 / 302 | SUMMAR 4 145 / 302 | Y 5 145 / 302 | 6 145 / 302 | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number Battery Serial Number Sensor to Bit Offsets / Acquisiti Temperature ft / sec Sensor Calibrations Main Processor Firmware/Softw | 1 145 / 302 4814 on Rates | EQ 2 145 / 302 | 3 145 / 302 | SUMMAR 4 145 / 302 | Y 5 145 / 302 | 6 145 / 302 | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number Battery Serial Number Sensor to Bit Offsets / Acquisiti Temperature ft / sec Sensor Calibrations Main Processor Firmware/Softw | T. Cluff 1 145 / 302 4814 on Rates are Versions | EQ 2 145 / 302 4814 | 3 145 / 302 4814 | 4 145 / 302 4815 | 5 145 / 302 4815 | 6 145 / 302 3687 | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number Battery Serial Number Sensor to Bit Offsets / Acquisiti Temperature ft / sec Sensor Calibrations Main Processor Firmware/Softw. Directional Spectrum | T. Cluff 1 145 / 302 4814 on Rates are Versions 145.00 | EQ 2 145 / 302 4814 | 3 145 / 302 4814 | 4 145 / 302 4815 | 5 145 / 302 4815 | 6 145 / 302 3687 | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number Battery Serial Number Sensor to Bit Offsets / Acquisiti Temperature ft / sec Sensor Calibrations Main Processor Firmware/Softw. Directional Spectrum Other Information | T. Cluff 1 145 / 302 4814 on Rates are Versions 145.00 | EQ 2 145 / 302 4814 | 3 145 / 302 4814 | 4 145 / 302 4815 | 5 145 / 302 4815 | 6 145 / 302 3687 | |
| Client Representative PES Logging Engineer Run Number BTR / CDS Serial Number Battery Serial Number Sensor to Bit Offsets / Acquisiti Temperature ft / sec Sensor Calibrations Main Processor Firmware/Softw Directional | T. Cluff 1 145 / 302 4814 on Rates are Versions 145.00 v.4.11.1605.4v Steerable 19 | 2 145 / 302 4814 145.00 v.4.11.1605.4v | 3 145 / 302 4814 145.00 v.4.11.1605.4v | 4 145 / 302 4815 145.00 v.4.11.1605.4v | Y 5 145 / 302 4815 145.00 v.4.11.1605.4v | 6 145 / 302 3687 145.00 v.4.11.1605.4v | |

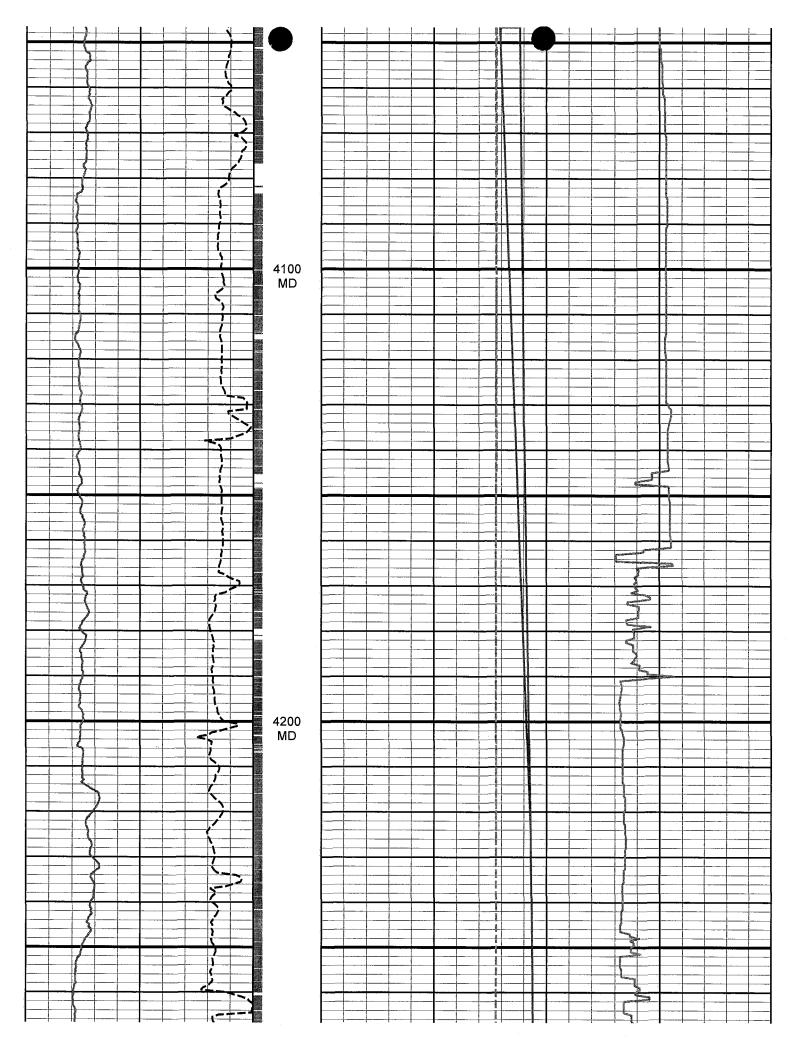
| | | CURVE SPEC | CIFICATIONS | |
|-------|-------------------|----------------|--------------------|---------------------|
| | | Smo | oothing | |
| Curve | Curve Description | Window (ft) | Resolution (ft) | Corrections Applied |
| | | | | |

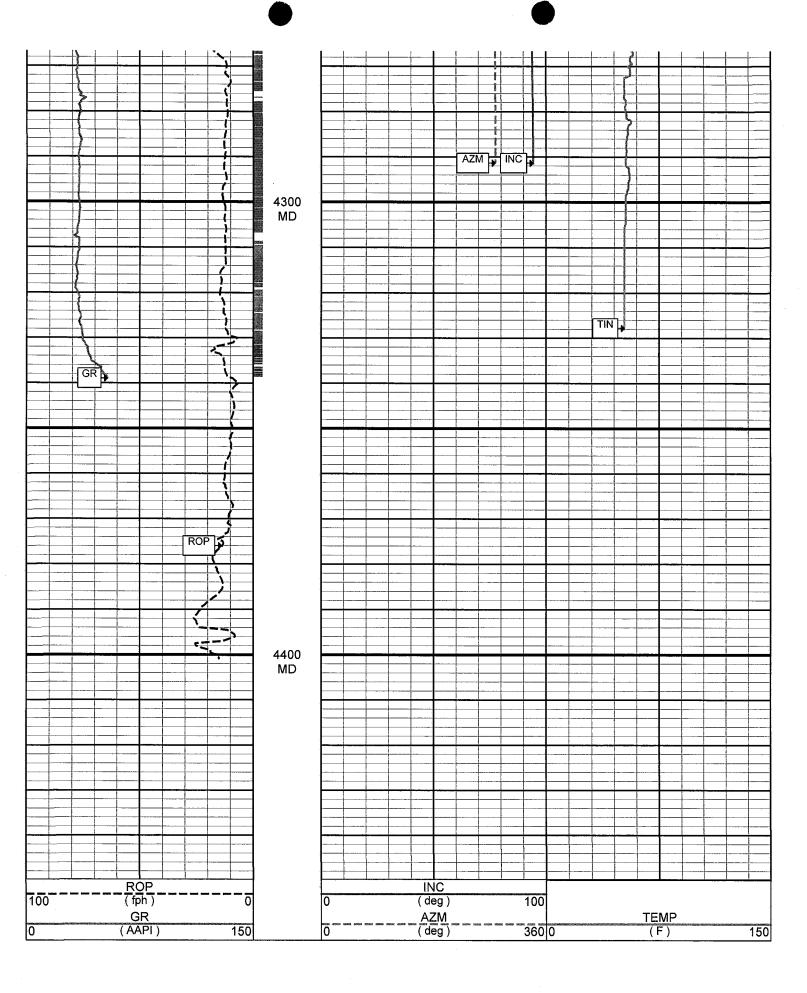
1:240 Scale - True Vertical Depth







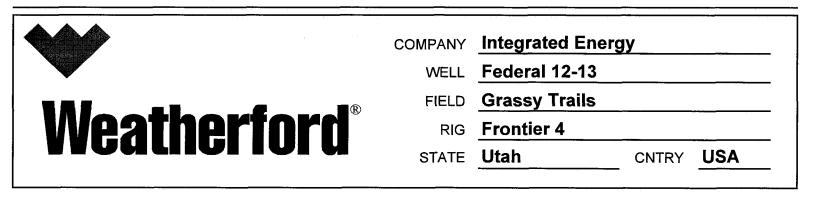




1:240 Scale - True Vertical Depth

| | | · · · · · · · · · · · · · · · · · · · | | | , | | |
|-----------------------|------------------|---------------------------------------|---------|---------------------|-------------------------|---------------------|------------------|
| | | | SU | IRVEYS | | | |
| Survey Calculat | ion Method: Min | imum Curvatu | re | | | | |
| Magnetic Reference | Target Direction | Total Magnetic Fi | - | gnetic Dip Angle | Magnetic Declination | Grid Convergence | Total Correction |
| True North | 286.40 deg | 52220 nT | 65 | 5.31 deg | 11.86 deg | 0.00 deg | 11.86 deg |
| | Depth | INC | | AZ | TVD | NS | EW |
| Survey Tie-On | 3045.00 ft | 2.50 deg | 28 | 6.00 deg | 3042.92 ft | 5.91 ft | -88.33 ft |
| Depth | Inc | Azm | TVD | NS | EW | VSect | Dogleg |
| ft | deg | deg | ft | ft | ft | ft | deg/100ft |
| 3118.00 | 6.65 | 265.04 | 3115.68 | 5.98 | -94.07 | 91.94 | 6.04 |
| 3149.00 | 8.48 | 271.06 | 3146.40 | 5.87 | -94.07 -98.15 | 95.81 | 6.43 |
| 3181.00 | 12.04 | 278.95 | 3177.89 | 6.43 | -103.81 | 101.40 | 11.93 |
| 3213.00 | 16.68 | 274.53 | 3208.88 | 7.32 | -111.68 | 109.20 | 14.88 |
| 3245.00 | 21.75 | 273.74 | 3239.09 | 8.07 | -122.18 | 119.49 | 15.88 |
| 3276.00 | 26.44 | 272.49 | 3267.38 | 8.74 | -134.82 | | 15.21 |
| 3308.00 | 31.19 | 271.74 | 3295.41 | 9.30 | -150.22 | | 14.89 |
| 3340.00 | 35.69 | 273.36 | 3322.11 | 10.10 | | | 14.34 |
| 3371.00 | 40.50 | 273.11 | 3346.50 | 11.17 | | 182.47 | 15.53 |
| 3403.00 | 45.13 | 272.74 | 3369.97 | 12.28 | | 203.61 | 14.47 |
| 3435.00 | 50.56 | 274.86 | 3391.44 | 13.87 | -232.29 | 226.76 | 17.69 |
| 3466.00 | 56.80 | 275.44 | 3409.79 | 16.11 | -257.16 | 251.24 | 20.19 |
| 3498.00 | 63.13 | 275.99 | 3425.80 | 18.87 | | 278.45 | 19.81 |
| 3530.00 | 69.44 | 276.86 | 3438.66 | 22.15 | -313.80 | 307.29 | 19.88 |
| 3545.00 | 72.44 | 277.11 | 3443.56 | 23.88 | -327.88 | 321.28 | 20.06 |
| 3561.00 | 75.50 | 277.11 | 3447.98 | 25.78 | -343.13 | 336.45 | 19.14 |
| 3593.00 | 81.56 | 279.11 | 3454.34 | 30.21 | -374.16 | 367.47 | 19.91 |
| 3624.00 | 84.88 | 279.11 | 3458.00 | 35.08 | -404.55 | 398.00 | 10.69 |
| 3656.00 | 86.00 | 279.24 | 3460.55 | 40.17 | -436.04 | 429.64 | 3.54 |
| 3688.00 | 87.13 | 279.24 | 3462.46 | 45.29 | -467.57 | 461.34 | 3.52 |
| 3720.00 | 88.44 | 279.24 | 3463.70 | 50.43 | -499.13 | 493.06 | 4.10 |
| 3752.00 | 89.44 | 279.61 | 3464.30 | 55.66 | -530.70 | 524.82 | 3.34 |
| 3783.00 | 89.69 | 279.24 | 3464.53 | 60.74 | -561.28 | 555.59 | 1.45 |
| 3815.00 | 89.14 | 280.05 | 3464.86 | 66.10 | -592.82 | 587.36 | 3.06 |
| 3847.00 | 89.25 | 279.86 | 3465.31 | 71.63 | | | 0.68 |
| 3878.00 | 88.19 | 279.49 | 3466.00 | 76.84 | | | 3.63 |
| 3910.00 | 87.06 | 279.11 | 3467.33 | 82.00 | | | 3.71 |
| 3942.00 | 85.69 | 279.74 | 3469.35 | 87.23 | | | 4.72 |
| 3974.00 | 86.88 | 279.74 | 3471.43 | 92.63 | | | 3.71 |
| 4005.00 | 87.63 | 279.61 | 3472.92 | 97.83 | | | 2.45 |
| 4037.00 | 88.13 | 279.61 | 3474.10 | 103.17 | | | 1.56 |
| 4069.00 | 88.63 | 279.36 | 3475.01 | 108.44 | | | 1.75 |
| 4100.00 | 89.46 | 279.90 | 3475.53 | 113.63 | | | 3.20 |
| 4132.00 | 90.00 | 279.61 | 3475.68 | 119.05 | | 901.90 | 1.93 |
| 4164.00 | 91.13 | 279.36 | 3475.37 | 124.32 | | | 3.60 |
| 4196.52 | 92.13 | 279.24 | 3474.45 | 129.57 | | | 3.10 |
| 4227.00 | 93.06 | 279.24 | 3473.07 | 134.46 | | 996.13 | 3.08 |
| 4259.00 | 93.88 | 278.99 | 3471.13 | 139.52 | | | 2.66 |
| 4291.00 | 94.38 | 278.99 | 3468.83 | 144.50 | -1061.87 | 1059.47 | 1.56 |

Vertical Section is 1163.09 ft along the target direction of 286.40 deg at a measured depth of 4395.80 ft. Horizontal Displacement is 1176.13 ft along the well bore azimuth of 277.86 deg. The total correction is 11.86 deg relative to True North.





MWD Gamma Ray Log 5 Inch True Vertical Depth Real Time Final Copy

| Company: Intergrated Energy Mell: Federal 12-13-ST Field: Grassy Trails Rig: Frontier 4 State: UT Country: USA | COMPANY WELL FIELD RIG STATE API | Intergrate Federal 1: Grassy Ti Frontier 4 UT | 2-13-ST ails | RY | | USA |
|--|---|--|---|-----------|--|-------------------------------|
| Company: Well: Field: Rig: State: | Latitude: Longitude: Other Service | 39 26 32.056 ° N 110 31 48.086 ° es: Deviation 9 | W | G | Mag Decl: Grid Corr: Total Corr: | N/A° |
| Permanent Datum: Log Measured Fron Depth Reference: Depth Logged: 34 Date Logged: 2-F | Driller's Depth | @ .00 ft above F Total .00 ft Runs | ermanent Datum Depth: 1184.00 ft : 1 Date: 9-Jan-08 | Elevation | G.L0 | 00 ft 00 ft 00 ft /a |
| | nole Record | 3,000 | Casing Ro | ecor | ď | |
| Hole Size | From | To Si | | | From | То |
| 6.25 in 31 | 135.00 ft 465 | 4.00 ft | | | | |
| | | 300 | | | | |
| Borehole [| Deviation Record | | Mud Red | cord | | |
| Hole Size M | lin. Inc. Max | c. Inc. Ty | pe Weight | | From | То |
| 6.25 in | 11.86° 93 | .63 ° Wa | ter 8.60 lb/gal | 31 | 35.00 ft | 4654.00 ft |
| | | | | | | |

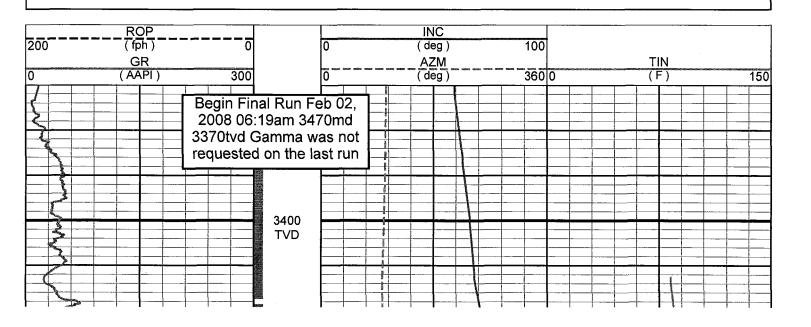
sustained by anyone resulting from any interpretation or recommendation made by any of our employees or agents. recommendation and we shall not be liable or responsible for any loss, cost, damages or expenses incurred or All interpretations of log data are opinions based on inferences from electrical or other measurements. Weatherford Drilling Services does not guarantee the accuracy or correctness of any interpretation or

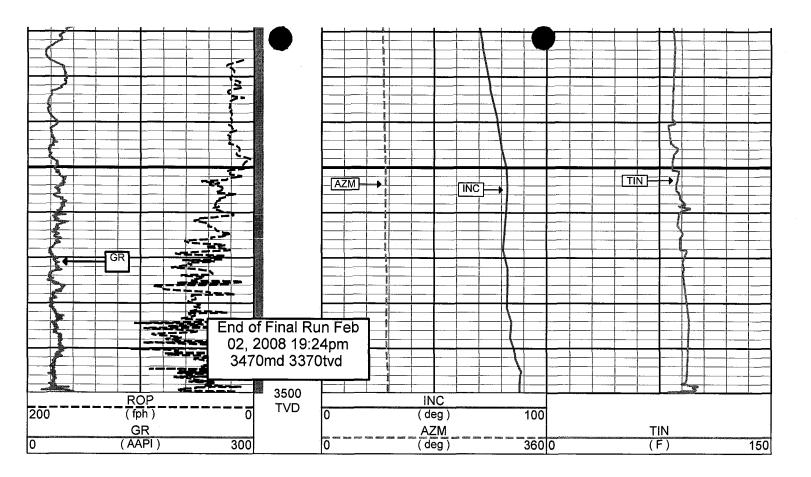
| | | | _ ~ | RUN SUMMARY | ARY | | | | |
|--------------------------|----------------|------|-----|-------------|-----|-----|---|---|---|
| Run Number | - | | 2 | က | 4 | ro. | 9 | 7 | 8 |
| Bit Size | in 6.250 | e | | | | | | | |
| Bit Type | Tri Cone | ne | | | | | | | |
| Bit TFA | in² | | | | | | | | |
| Bit Start Depth | ft 3470.00 | 00 | | | | | | | |
| Bit End Depth | ft 4654.00 | 00 | | | | | | | |
| Top Log Interval | ft 3470.00 | 00 | | | | | | | |
| Bottom Log Interval | ft 4654.00 | 00 | | | | | | | |
| Begin Log Time hh:mm | nm 6:19 | . 6 | | | | | | | |
| Begin Log Date DD-MMM-YY | A-YY 02-Feb-08 | 90-0 | | | | | | | |
| End Log Time hh:mm | mm 19:24 PM | PM | | | | | | | |
| End Log Date DD-MMM-YY | 4-YY 05-Feb-08 | 90-0 | | | | | | | |
| | | | | | | | | | |

| | | | | | | |
|-----------------------|-----------|-----------------|------|-------|--|--|
| Drill or Wipe or Both | | Drill | | | | |
| Flow Rate | gal/min | 245 | | | | |
| Min Inc @ Depth | deg @ ft | 59.44@3470 | | · | | |
| Max Inc @ Depth | deg @ ft | 93.63@4654 | | | | |
| MUD DATA | | | | | | |
| Depth | ft | 4106 | | | | |
| Fluid Type | | Water | | | | |
| Mud Weight | lb/gal | 8.90 | | | | |
| Viscosity | sec/qt | N/A | | | | |
| Solids / Sand | % | N/A | | | | |
| pH / Fluid Loss | ml/30 min | N/A | | | | |
| Max Tool Temp / Tool | deg F | 80 | | | | |
| Client Representative | | | | | | |
| Weatherford Engineer | | James W /Leon C | | | | |

| | | | EQU | IPMENT SL | JMMARY | | | | |
|------------------------------|-----|-----------|-----|-----------|--------|---|---------------------------------------|---|-------------|
| Run Number | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| BTR / CDS Serial Number | | 145/302 | | | | | | | |
| Battery Serial Number | | 3682 | | | | | · · · · · · · · · · · · · · · · · · · | | |
| Gamma Ray Serial Number | | 2575 | | | | | | | |
| Pressure Probe Serial Number | | N/A | | | | | | | |
| CMS Serial Number | | N/A | | | | | | | |
| Pulser Serial Number | | N/A | | | | | | | |
| Bit to Sensor Offsets | | | | | | | | | - |
| Directional | ft | 70.00 | | | | | | | |
| Gamma Ray | ft | 56.00 | | | | | | | |
| Other Information | | | | | | | | | |
| BHA Assembly Type | | Steerable | | | | : | | | |
| Run Circulating Time | hrs | 77.55 | ··· | | | | | | |
| Run Drilling Time | hrs | 65.99 | | | | | | | |

5 Inch - True Vertical Depth







COMPANY Intergrated Energy

WELL Federal 12-13-ST

FIELD **Grassy Trails**

RIG Frontier 4

5 Inch True Vertical Depth STATE UT CNTRY USA



MWD Gamma Ray Log 5 Inch Measured Depth Real Time Final Copy

| Company: Intergrated Energy Mell: Federal 12-13-ST Field: Grassy Trails Rig: Frontier 4 State: UT Country: USA | WELL FIELD RIG | Intergrated E Federal 12-13 Grassy Trails Frontier 4 UT | 3-ST | RY | USA |
|--|------------------------------------|---|--------------------|---------------------------------------|--------------------------------|
| Company: Well: Field: Rig: State: | Latitude: Longitude: Other Service | 39 26 32.056 ° N 110 31 48.086 ° W Des: Deviation Surve | ys | Mag Decl: Grid Corr: Total Corr | N/A° |
| Permanent Datum: Log Measured Fron Depth Reference: Depth Logged: 34: Date Logged: 2-F | Driller's Depth | @ .00 ft above Perma Total Dept 1.00 ft Runs: | h: 1184.00 ft 1 | G.L | 00 ft 00 ft 00 ft 1/a |
| Borel | nole Record | | Casing Re | ecord | |
| Hole Size | From | To Size | Weight | From | То |
| 6.25 in 31 | 135.00 ft 465 | 4.00 ft | | | |
| | | | | | |
| Borehole I | Deviation Record | | Mud Red | cord | |
| | | x. Inc. Type | Weight | From | То |
| 6.25 in | 11.86° 93 | 6.63 ° Water | 8.60 lb/gal | 3135.00 ft | 4654.00 ft |
| | | | | | |

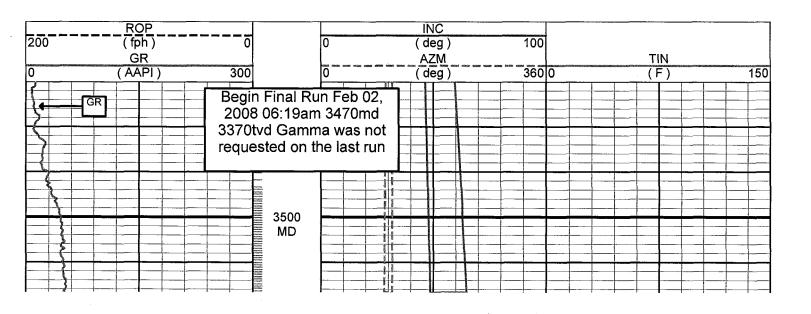
sustained by anyone resulting from any interpretation or recommendation made by any of our employees or agents. recommendation and we shall not be liable or responsible for any loss, cost, damages or expenses incurred or All interpretations of log data are opinions based on inferences from electrical or other measurements. Weatherford Drilling Services does not guarantee the accuracy or correctness of any interpretation or

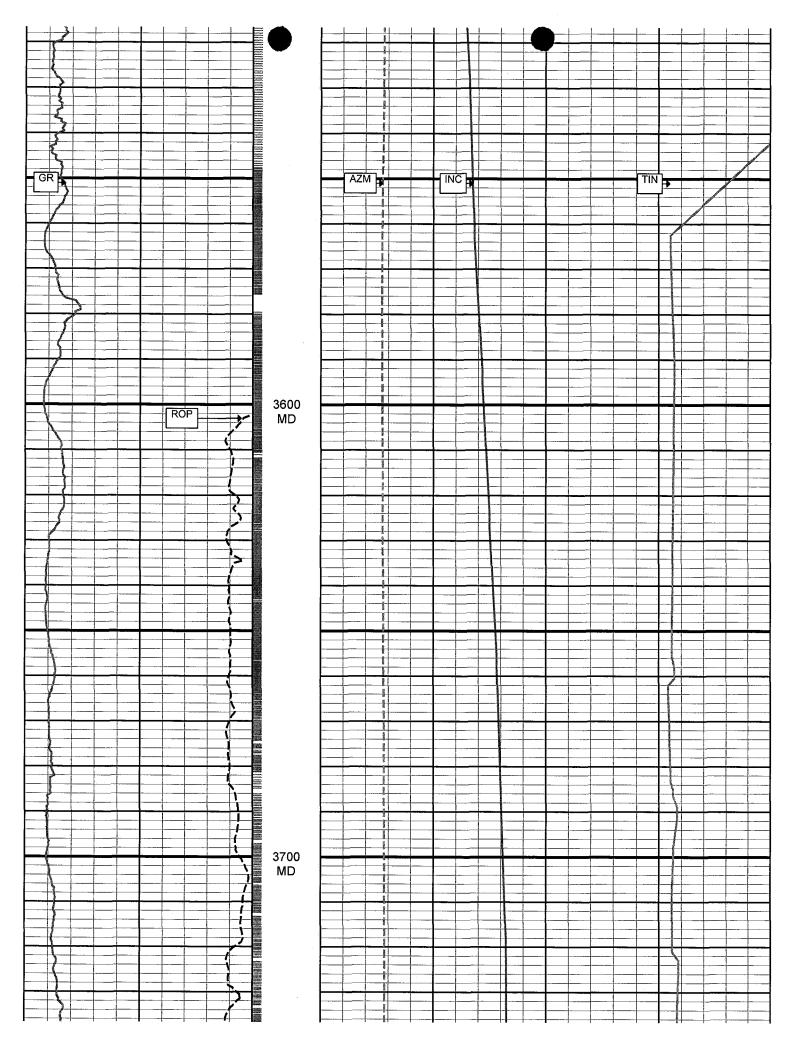
| | | | <u>~</u> | RUN SUMMARY | ARY | | | | |
|---------------------|-----------------|-----------|----------|-------------|-----|-----|---|---|---|
| Run Number | | - | 2 | 3 | 4 | zo. | 9 | 7 | 8 |
| Bit Size | i | 6.250 | | | | | | | |
| Bit Type | | Tri Cone | | | | | | | |
| Bit TFA | in ² | | | | | | | | |
| Bit Start Depth | ft | 3470.00 | | | | | | | |
| Bit End Depth | ft | 4654.00 | | | | | | | |
| Top Log Interval | ft | 3470.00 | | | | | | | |
| Bottom Log Interval | ft | 4654.00 | | | | | | | |
| Begin Log Time | hh:mm | 6:19 | | | | | | | |
| Begin Log Date DD | DD-MMM-YY | 02-Feb-08 | | | | | | | |
| End Log Time | hh:mm | 19:24 PM | | | | | | | |
| End Log Date DD | DD-MMM-YY | 05-Feb-08 | | | | | | | |
| | | | | | | | | | |

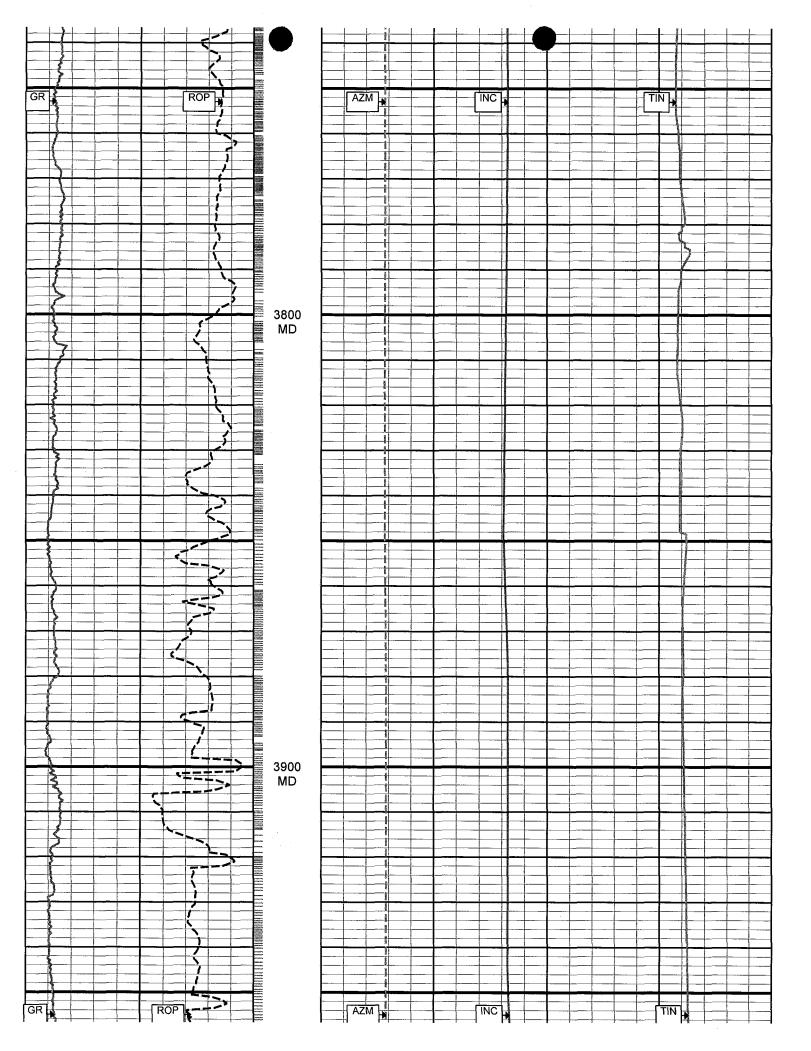
| | | | | | | · · · · · · · · · · · · · · · · · · · | |
|-----------------------|-----------|-----------------|--|---|------|---------------------------------------|--|
| Drill or Wipe or Both | | Drill | | | | | |
| Flow Rate | gal/min | 245 | | | - | | |
| Min Inc @ Depth | deg @ ft | 59.44@3470 | | | | | |
| Max Inc @ Depth | deg @ ft | 93.63@4654 | | | | | |
| MUD DATA | | | | | | | |
| Depth | ft | 4106 | | | | | |
| Fluid Type | _ | Water | | | | | |
| Mud Weight | lb/gal | 8.90 | | _ | | | |
| Viscosity | sec/qt | N/A | | | | | |
| Solids / Sand | % | N/A | | | | | |
| pH / Fluid Loss | mì/30 mìn | N/A | | | | | |
| Max Tool Temp / Tool | deg F | 80 | | | | | |
| Client Representative | | | | | | | |
| Weatherford Engineer | | James W /Leon C | | | | | |

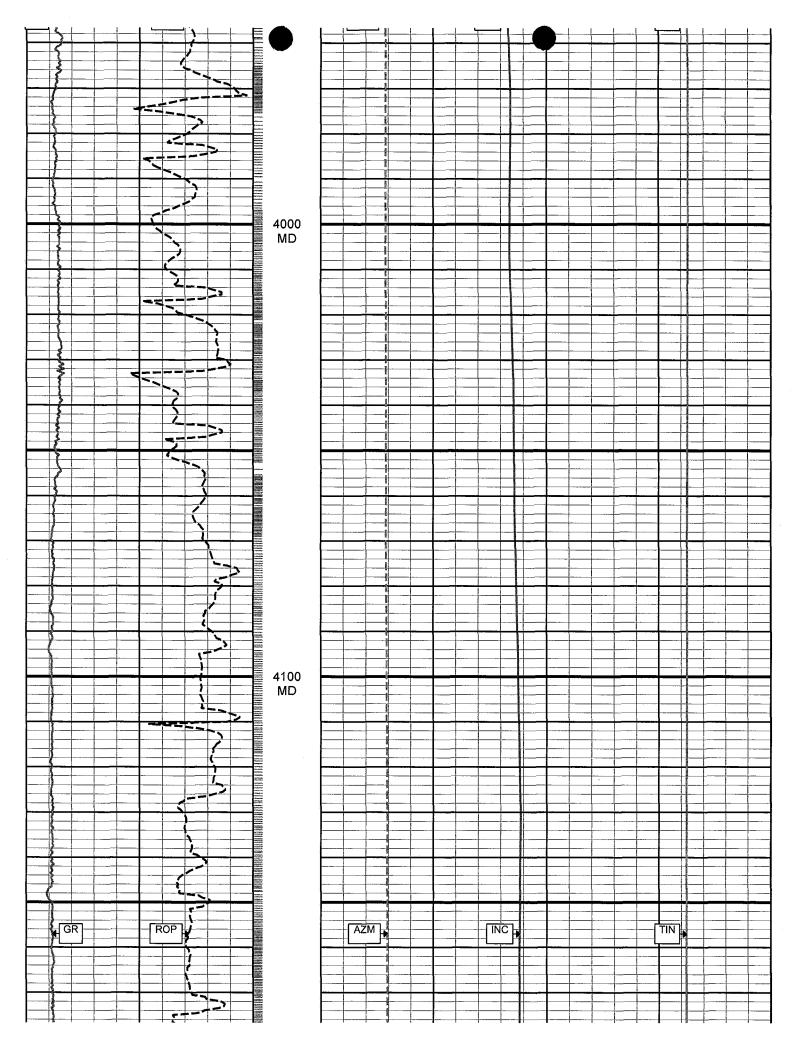
| | | | EQU | IPMENT SI | UMMARY | | | | |
|------------------------------|-----|-----------|----------|-----------|--------|---|---|---|---|
| Run Number | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| BTR / CDS Serial Number | | 145/302 | | | | | | | |
| Battery Serial Number | | 3682 | | | | | | | |
| Gamma Ray Serial Number | | 2575 | | | | | | | |
| Pressure Probe Serial Number | | N/A | | | | | | | |
| CMS Serial Number | | N/A | | | | | | | |
| Pulser Serial Number | _ | N/A | | | | | | | |
| Bit to Sensor Offsets | | | | | | | | | |
| Directional | ft | 70.00 | <u>.</u> | | | | | | |
| Gamma Ray | ft | 56.00 | | | - | | | | |
| Other Information | | | | | | | | | |
| BHA Assembly Type | | Steerable | | | | | | | |
| Run Circulating Time | hrs | 77.55 | | | | | | | |
| Run Drilling Time | hrs | 65.99 | | | | | | | |

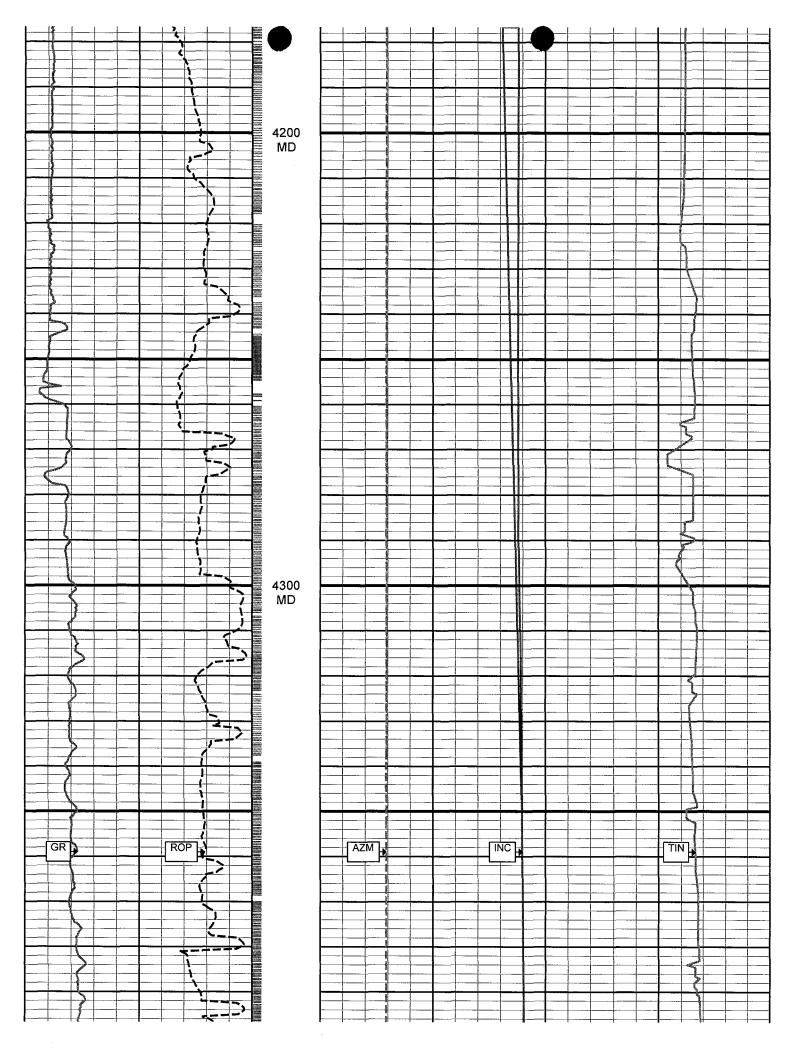
5 Inch - Measured Depth

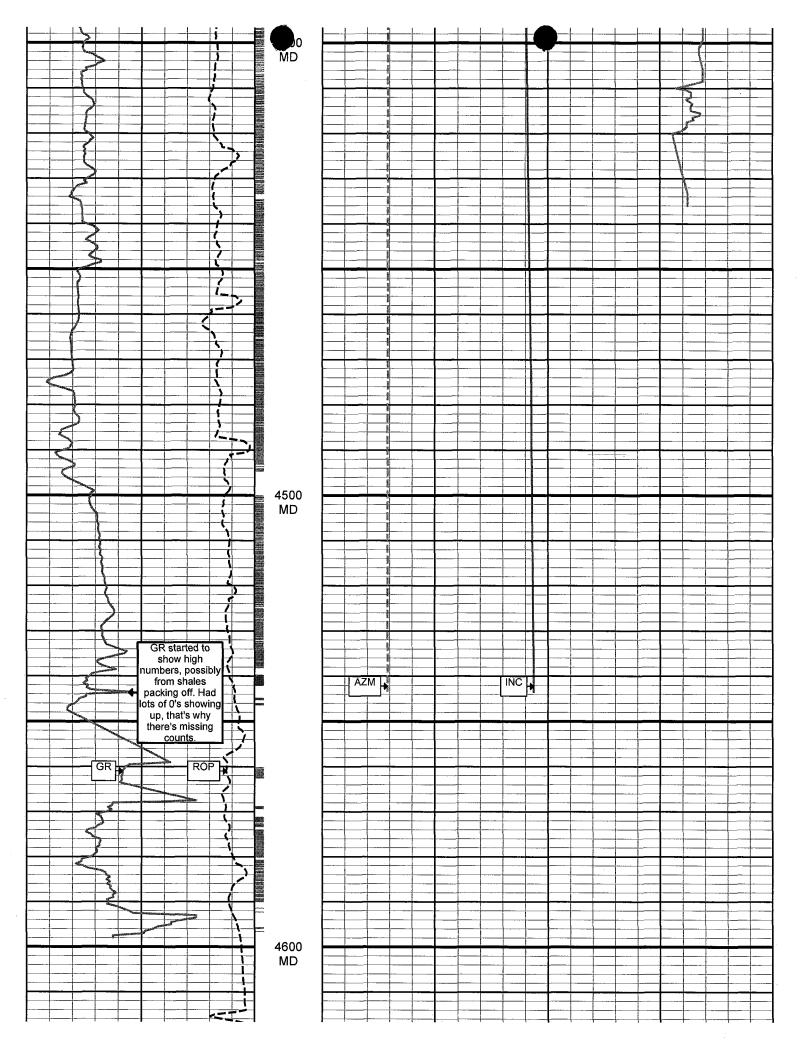


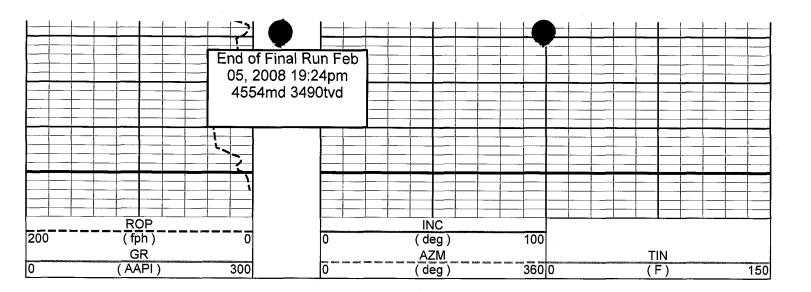














COMPANY

Intergrated Energy

WELL

Federal 12-13-ST

FIELD

Grassy Trails

RIG

Frontier 4

5 Inch Measured Depth

STATE **UT**

CNTRY USA

Tariq I. Ahmad PE

CONFIDENTIAL

February 22, 2008

Utah Division of Oil Gas & Mining 1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114

Attn: Mike Hibertson

Subject: Federal 12-13

API 43-015-30142 Section 12 T 16S R12E Emery County, Utah

Dear Mr. Hibertson:

We hereby request that the deepening of the above well be treated as confidential pursuant to the DOGM rules allowing information to be kept confidential for a period of 12 months.

Sincerely.

Petroleum Engineer Integrated Energy LLC

Cc: Wayne Stout

RECEIVED

FEB 2 6 2008

DIV. OF OIL, GAS & MINING

137 Vassar Street #5 Reno, Nevada 89502 Phone: 775 324 2198

Fax:

775 333 0225

Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR

| FORM APPROVED |
|-------------------------|
| OM B No. 1004-0137 |
| Evnires: March 31, 2007 |

Date

| | NOTICES AND RE | | N WEI | 16 | 5. Lease Seria U-43788 | | |
|--|--|---|------------------------------------|--|--|---|--|
| Do not use this | s form for proposals in the state of the sta | to drill or | to re-e | nter an | 6. If Indian | , Allotte | e or Tribe Name |
| SUBMIT IN TRIF | PLICATE- Other inst | ructions or | rever | se side. | 7. If Unit or | CA/Ag | eement, Name and/or No. |
| 1. Type of Well Oil Well □ □ | Gas Well□□ Other | | | | 8. Well Nar | ne and N | 10. |
| 2. Name of Operator Integrated Ene | ergy LLC | | | | Federal | | |
| 3a Address 1137 19 Road, Fruita CO. 81521 | | 3b. Phone No. 970 234 8 | | area code) | 43-015- | 30142 | r Exploratory Area |
| 4. Location of Well (Footage, Sec., T., | R., M., or Survey Description) | 1 | | | Grassy | | i Exploratory Area |
| 662 1/2 FWL 1978 FSL, NW1/48 | | LM | | | 11. County | or Parish | , State |
| | | | | | Emery | | |
| 12. CHECK APP | ROPRIATE BOX(ES) TO | INDICATE | NATURI | E OF NOTICE, | REPORT, OR | OTH | ER DATA |
| TYPE OF SUBMISSION | | | TYP | E OF ACTION | | | |
| Notice of Intent Subsequent Report Final Abandonment Notice | Acidize Alter Casing Casing Repair Change Plans Convert to Injection | Deepen Fracture To New Cons Plug and A Plug Back | truction | Production (S Reclamation Recomplete Temporarily Water Disposa | Abandon | \square w | ater Shut-Off ell Integrity her |
| 13. Describe Proposed or Completed If the proposal is to deepen direct Attach the Bond under which the following completion of the invol testing has been completed. Fina determined that the site is ready for | ionally or recomplete horizontal work will be performed or prov ved operations. If the operation I Abandonment Notices shall be | ly, give subsurfa ide the Bond No results in a mult | ce location on file wiple compl | s and measured and in the BLM/BIA. Requestion or recompletion | true vertical depth ired subsequent r n in a new interva | s of all p eports sl l, a Forn | pertinent markers and zones. All be filed within 30 days and 3160-4 shall be filed once |
| See attached Well Site Diag | ram. Operator intends to p | lace one 400 b | bl tank ar | ıd one 300 bbl tan | k at the well sit | e locati | on. |
| | | | | | | | |
| | | | | | | i. | RECEIVED |
| | | | | | | *************************************** | FEB 2 6 2008 |
| | | | | | | DI\ | OF OIL, GAS & MINING |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 14. I hereby certify that the foregon Name (Printed/Typed) Tariq Ahmad | oing is true and correct | | Title Po | troleum Engineer | | | |
| Signature | Ne · | - | Date | 2/22/0 | | | |
| | THIS SPACE FOR | FEDERAL | | | | | |
| | | | | | | | |

Approved by

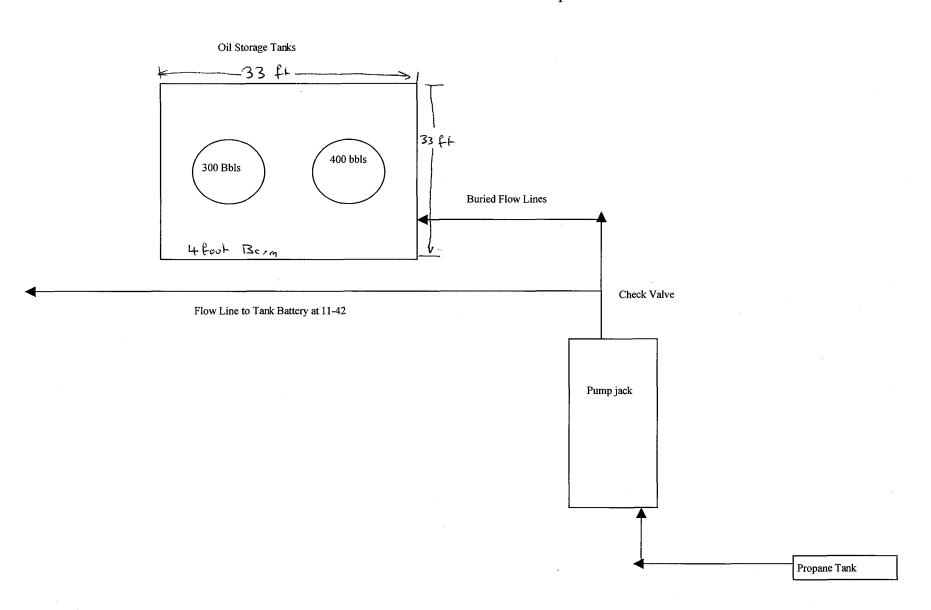
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to anymatter within its jurisdiction.

Title

Office

Federal 12-13

Section 12 T16S R12E SLM Well Site plan



STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

| ENTITY | ACT | ION | FORM |
|---------|-----|-------|----------|
| CIAILLI | MUI | I VIV | I OLVIAL |

Operator:

Integrated Energy LLC

Operator Account Number: N 3205

Address:

1137 19 Road

city Fruita

zip 81521 state CO

Phone Number: (970) 234-8095

Well 1

| API Number | Well | Name | QQ | Sec | Twp | Rng | County | |
|--------------|--------------------------|----------------------|------|-----------|-----|----------|------------------------------------|--|
| 43-015-30142 | Federal 12-13 | | NWSW | 12 | 168 | 12E | Emery | |
| Action Code | Current Entity Number | New Entity Number | S | Spud Date | | 77/20/20 | ntity Assignment Effective Date | |
| E | 14041 | 14041 | 1/8/ | 08 | | 3./1 | 2/09 | |

Comments:

Notice of Spud Well Spudded January 8, 2008

NHP BHL = NE SW 12 16 S 12ENFIDENTIAL

Lat # 2

| API Number | Well | QQ | Sec | Twp | Rng County | | | |
|-------------|--------------------------|----------------------|-----|-----------|------------|-------------------------------------|--|--|
| Action Code | Current Entity Number | New Entity Number | S | Spud Date | | Entity Assignment Effective Date | | |
| Comments: | | | | | | | | |

Well 3

| API Number | Well | QQ | Sec | Twp | Rng | County | |
|-------------|--------------------------|----------------------|-----|--------|-----|--------|------------------------------|
| Action Code | Current Entity Number | New Entity Number | S | pud Da | te | | y Assignment fective Date |
| Comments: | | | | | | | |

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Tariq Ahmad

Name (Please Print)

Signature Petroleum Engineer

Title

FEB 2 6 2008



UNITED S. ATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

| WELL COMPL | ETION OF | R RECOMPL | ETION R | REPORT | AND LOG |
|------------|----------|-----------|---------|--------|---------|

| Type of | Well Completion | | w Well | Gas Well Work Ove | Dry Deepen | Other Plug Back | □ Di | ff. Resvr | + | | | Indian Allottee or Juit or CA Agreeme | |
|------------------|--------------------|-----------------|------------------------|--|---|-----------------|---------------------|-----------|------------------------|----------------|---------|--|--------------------------|
| Name of | Operator | Ott | her: | | | | | | - | | | ease Name and We | |
| grated | Energy L | LC | | | | | | | | | 0. 1 | Federa | |
| \ddress | 1137 19 Ro | ad, Fruita C | O 81521 | | | | a. Phone 970 234 | | lude area coa | le) | 9. / | 43-015 | |
| ocation | of Well (R | Report loca | ation clearly | and in accor | rdance with Feder | ral requireme | nts)* | DO | er Hs | m | 10. | Field and Pool or E | xploratory |
| A constitu | 662 1/2 | FWL 19 | 78 FSL, N | W1/4SW1/ | 4 SEC 12 T16 | S R12E SLM | M | 1 | revit | 0111 | | Grassy Ta | رايد |
| \t surfa | .e | | | | | | | | 1011 | | | Sec., T., R., M., on Survey or Area | Block and |
| | | | | | 81.27 FSL 148 | | | | | | | | |
| top pr | od. interval | reported b | pelow Late | ral No. 2 18 | 16.15 FSL 119 | 93.95 FWL S | Sec 12 | | | | | County or Parish | 13. State |
| r total e | lenth Later | ral No.1 | 2122.61 F | SL 399.36 | FEL Sec 11 L | ateral No. 2 | 1629.0 | 4 FSL 1 | 904.08 FW | L Sec 12 | I | = mery | UT |
| Date Sp | oudded | | | e T.D. Reach | | | | | 02/22/2008 | 1 | 17. | Elevations (DF, Ri | B, RT, GL)* |
| 01/020 | 0.00 | | 02/07 | And the Control of th | | | D&A | Z I | Ready to Proc | | 527 | 7 GL | |
| Total D | Depth: ME TV | No.1 D No. 1 | 4291 No 2 3468 No 2 | 461 19. P | lug Back T.D.: | MD TVD | | | 20. Depth B | Bridge Plug | Set: | MD TVD | |
| | lectric & Ot | | | un (Submit co | opy of each) | | | | | ell cored? | ZN | | |
| mma F | Ray | | | | | | | | Was DS Direction | onal Survey | | | |
| Casing | and Liner I | Record (A | Report all str | ings set in w | ell) | | | | | | | | 33927 |
| ole Size | Size/Gr | ade W | /t. (#/ft.) | Top (MD) | Bottom (MI | | ementer | | of Sks. & of Cement | Slurry (BBI | | Cement Top* | Amount Pulled |
| /4 | 2 3/8 | 4 | 2 | 987 | 4615 | | | none | | none | - | none | used centralizers |
| /4 | 2 3/8 | 4 | 3 | 045 | 4291 | | 39 | none | | none | | none | used centralizers |
| | | | | | | III OL | | | 101 | | | | 2 3/8 slotted tubing wit |
| | | | | | | | | | | | | | centralizers was used |
| | | | | | 100 | | 100 | | L partirelly | | | | |
| | | | | | | | EPHOPE . | | -15-1 | | | | |
| | Record | e are | | 1 0 m | | 1 0 10 | (2.4Fb) | I n I | D 4 0 (D) | 0. | | | T |
| Size 1/8 | 3027 | Set (MD) | Packer I. | Depth (MD) | Size | Depth Se | et (MD) | Packer | Depth (MD) | Size | | Depth Set (MD) | Packer Depth (MD) |
| - | ing Intervals | s | _ | | | 26. Pe | rforation | Record | | | - | | |
| | Formatio | | | Тор | Bottom | | forated Ir | | | Size | No. | Holes | Perf. Status |
| Moenk | opi A zone | 9 | 307 | 2 | 3080 | open ho | le horize | ontal | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Acid, F | racture, Tre | atment, C | ement Sque | eze, etc. | | | | | | | | | |
| | Depth Inter | | | | | | | Amount | and Type of ! | Material | | | |
| ne | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Produc | tion - Interv | al A | | | | | - | | - | | | | |
| First | | Hours | Test | Oil | | Water | Oil Gra | vity | Gas | Produ | ction N | fethod | |
| duced | | Tested | Productio | n BBL | MCF | BBL. | Corr. A | PI | Gravity | Pum | p Jack | (| |
| 22/08 | 02/22/08 | | - | 60 | 0 | 42 | 38 | | | | | | |
| ke | Tbg. Press. | 1 | 24 Hr. | Oil | Gas | Water | Gas/Oil | | Well Stat | tus | | | |
| | Flwg. SI | Press. | Rate | BBL | MCF | BBL | Ratio | | | | | | |
| | | 110 | - | | | | | | | | | | |
| - | ction - Inter | | _ | le v | | | Tev e | | | | | | |
| e First duced | Test Date | Hours Tested | Test Production | Oil n BBL | | Water BBL | Oil Gra Corr. A | | Gas Gravity | Produ | ction N | lethod | |
| | | · Colleg | - Loudette | | | | CVIII.A | 134 | Stating | | | | DEOF! |
| ke | Tbg. Press. | Cea | 24 Hr. | Oil | Gas | Water | Gas/Oil | - | Well Stat | ine | - | - 1 | MAY 1 2 2008 |
| , and | Flwg. | Press. | Rate | BBL | 1771 T. | BBL | Ratio | | Well Stat | | | | MAV 10 |
| | SI | | - | | | | | | | | | | MAT 1 2 2008 |
| Sout inst | ructions and | enaces for | r additional | data on page | 2) | | | | | | | DIVO | |

| | uction - Inte | | | | - | | | | | |
|--------------------------------|--|---|---|---------------|-----------------|------------------------------------|----------------------------|---------------------------------|----------------------|-------------|
| duced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity - Corr. API | Gas | Production Method | |
| | | | - | | I I | DDL | Coll. AFI | Gravity | . , | |
| ke | Tbg. Press | Csg | 24 Hr. | Oil | Gas | Water | Gas/Oil | Well Status | | |
| | Flwg. | Press. | Rate | BBL | MCF | BBL | Ratio | Well Status | | |
| | SI | | - | | | | | | | |
| Produ | iction - Inte | rval D | | | | | | | | |
| First | | Hours | Test | Oil | Gas | Water | Oil Gravity | Gas | Production Method | |
| uced | | Tested | Production | BBL | MCF | BBL | Corr. API | Gravity | | |
| | | | - | | | | | | | |
| ke | Tbg. Press. | | 24 Hr. | Oil | Gas | Water | Gas/Oil | Well Status | | |
| | Flwg. SI | Press. | Rate | BBL | MCF | BBL | Ratio | | | |
| | | | - | | | | | | | |
|)ispos | ition of Ga | s (Solid, u. | sed for fuel, ve | nted, etc., | | | | | | |
| | | | | | | | | | | |
| Summ | ary of Poro | us Zones | (Include Aqui | fers): | | | | 31. Formati | on (Log) Markers | |
| low a | ll important | zones of | porosity and o | ontents th | ereof: Cored | intervals and all | I drill-stem tests, | | | |
| cludir | ng depth int | erval teste | d, cushion use | d, time to | ol open, flow | ing and shut-in | pressures and | | | |
| cover | ies. | | | | | 4 (9) | | | | |
| | - | | T | 1 | | | | | | 1 |
| Form | ation | Тор | Bottom | | Des | criptions, Conte | ents, etc. | | Name | Тор |
| | | | | | | | | | | Meas. Depth |
| корі А | zone | 3072 | 3080 | Dolomi | tic light brown | with calcitic cemer | nt | | | |
| | | | | | | | | | | |
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| | | | plugging proc | | | | | | | |
| was | placed on | producti | on at 8 spm | | | | | | | |
| | relly | Kapait | 3 and | wel | Sur | vey wo | re alua | dy sul | Jully | |
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| D | | | | | | | | _ | | |
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| D | | | | | | | | | | |
| D | | | | | | | | | | |
| D | | | en attached by | placing a | check in the | appropriate box | kes: | | | |
| Dondicate | which iten | ns have be | | | _ | appropriate box | | | | |
| D | which iten | ns have be | en attached by | | _ | appropriate box Geologic Report | | port | ✓ Directional Survey | |
| Didicate | which iten | ns have be | |) | | | | port | ☑ Directional Survey | |
| D. dicate | which iten ical/Mechan y Notice for | ns have be tical Logs (| I full set req'd |) fication | | Geologic Report Core Analysis | ☐ DST Re | | | |
| Dindicate Electr Sundr | which iten ical/Mechan y Notice for certify tha | ns have be nical Logs (plugging a | I full set req'd and cement veri oing and attac |) fication | | Geologic Report Core Analysis | DST Re Other: | n all available rec | Directional Survey | |
| Dindicate Electri Sundr | which iten ical/Mechan y Notice for | ns have be nical Logs (plugging a t the foreg | 1 full set req'd and cement veri oing and attac iq Ahmad |) fication | | Geologic Report Core Analysis | ☐ DST Re | n all available rec | | |
| D. Indicate Sundr Sundr hereby | which iten ical/Mechan y Notice for certify tha | ns have be nical Logs (plugging a t the foreg | I full set req'd and cement veri oing and attac |) fication | | Geologic Report Core Analysis | DST Re Other: | n all available red Engineer | | |

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ntinued on page 3)

DIRECTIONAL SURVEY CALCULATION MINUMUM RADIUS OF CURVATURE METHOD

Integrated Federal 12-13

Magnetic Declination, degrees = Initial Drift Angle, degrees = Vertical Section Direction, degrees =

11.86 2,50 286.40 (Proposed Azimuth)

| MD | | SURVEY DIRECTION | | F | | | _ | DEPARTURE | DIRECTION | SECTION | | TRUE DIRECTION | | | COURSE LENGTH HORIZ. PLANE | HORIZ. PLANE | CHART VS | CHART TVD | CHART EAST | CHART NORTH | dx from lease |
|--------------------|----------------|---------------------|--------------|----------------------|--------------------|----------------|--------------------|------------------|------------------|------------------|------------------|-------------------|---------------|------------------|-------------------------------|------------------|------------------|----------------------|------------------|--------------------|-------------------------|
| feet | degrees | degrees | degrees | factor | feet | feet | feet | feet | degrees | feet | degrees/100 feet | degrees | feet | feet | feet | degrees | feet | feet | feet 662 | feet -662 | line 662.00 |
| | | | | | | | | 00.50 | | 20.40 | | 000.00 | 40.04 | 00.05 | 00.40 | 000.00 | 60.40 | -3042.92 | | -656.09 | |
| 3045.00 | 2.50 | 286.00 | 2.50 | 1.000159 | 3042.92 | 5,91 5,98 | -88.33 | 88.53 94.26 | 273.83 273.64 | 66.42 | 0.08 6.04 | 298.00 277.04 | 18.31 0.07 | -63.85 -5.74 | 66.42 5.74 | 286.00 270.73 | 66,42 71,95 | -3042.92 | 573.67 567.93 | -656.02 | 656.09 656.02 |
| 3118.00 3149.00 | 6.65 8.48 | 265.04 271.06 | 4.41 1.99 | 1.000493 | 3115.68 3146.40 | 5.87 | -94.07 -98.15 | 94.26 | 273.64 | 71.95 75.83 | 6.43 | 283.06 | -0.11 | -3.74 | 4.08 | 268.41 | 75.83 | -3115.00 | 563.85 | -656.13 | 656.13 |
| 3181.00 | 12.04 | 271.00 | 3.82 | 1.000370 | 3177.89 | 6.43 | -103,81 | 104.01 | 273.55 | 81,41 | 11.94 | 290.95 | 0.56 | -5.66 | 5.69 | 275.68 | 81.41 | -3177.89 | 558.19 | -655.57 | 655.57 |
| 3213.00 | 16.68 | 274.53 | 4.76 | 1.000577 | 3208.88 | 7.32 | -111.69 | 111.93 | 273.75 | 89.22 | 14,89 | 286.53 | 0.88 | -7.88 | 7.93 | 276.39 | 89.22 | -3208,88 | 550,31 | -654.68 | 654.68 |
| 3245.00 | 21.75 | 273.74 | 5.08 | 1,000655 | 3239.09 | 8.07 | -122.19 | 122,45 | 273.78 | 99.51 | 15.86 | 285.74 | 0.75 | -10.50 | 10.53 | 274.08 | 99.51 | -3239.09 | 539.81 | -653.93 | 653.93 |
| | | | | | | | | | | | | | | | | | | | | -653.26 | |
| 3276.00 | 26.44 | 272.49 | 4.72 | 1.000565 | 3267.38 | 8.74 | -134.82 | 135.10 150.52 | 273.71 273.54 | 111.82 126.76 | 15.22 14.89 | 284.49 283.74 | 0,67 0.56 | -12.63 -15,41 | 12.65 15.42 | 273.06 272,09 | 111.82 126.76 | -3267.38 -3295.41 | 527.18 511.77 | -652.70 | 653.26 652.70 |
| 3308.00 3340.00 | 31.19 35.69 | 271.74 273.36 | 4.76 4.59 | 1.000576 1.000535 | 3295.41 3322.11 | 9.30 10.10 | -150,23 -167,84 | 168.14 | 273.44 | 143.88 | 14.34 | 285.36 | 0.80 | -17.61 | 17.63 | 272.60 | 143.88 | -3322.11 | 494.16 | -651.90 | 651.90 |
| 3371.00 | 40.50 | 273.30 | 4.81 | 1.000588 | 3346.50 | 11,18 | -186.93 | 187.26 | 273.42 | 162.49 | 15.52 | 285.11 | 1.08 | -19.09 | 19.12 | 273.23 | 162.49 | -3346.50 | 475.07 | -650.82 | 650.82 |
| 3403.00 | 45.13 | 272.74 | 4.64 | 1.000546 | 3369.96 | 12.28 | -208.64 | 209.00 | 273.37 | 183,64 | 14.49 | 284.74 | 1.11 | -21.71 | 21.74 | 272.92 | 183,64 | -3369,96 | 453.36 | -649.72 | 649.72 |
| 3435.00 | 50.56 | 274.86 | 5.65 | 1.000812 | 3391.43 | 13.87 | -232.30 | 232.71 | 273.42 | 206.78 | 17.66 | 286.86 | 1.59 | -23.66 | 23.71 | 273.85 | 206.78 | -3391.43 | 429.70 | -648.13 | 648.13 |
| 3466.00 | 56.80 | 275.44 | 6.26 | 1,000995 | 3409.79 | 16.12 | -257.16 | 257.67 | 273.59 | 231.27 | 20.19 | 287.44 | 2.25 | -24.86 | 24.96 | 275.16 | 231.27 | -3409.79 | 404.84 | -645,88 | 645.88 |
| 3498.00 | 63,13 | 275.99 | 6.35 | 1,001024 | 3425.80 | 18.88 | -284.72 | 285.34 | 273.79 | 258.48 | 19.84 | 287.99 | 2.76 | -27.55 | 27.69 | 275.72 | 258.48 | -3425.80 | 377.28 | -643.12 | 643.12 |
| 3530.00 | 69.44 | 276.86 | 6.36 | 1.001028 | 3438.66 | 22.16 | -313.81 | 314.60 | 274.04 | 287.32 | 19,87 | 288.86 | 3.28 | -29.10 | 29.28 | 276,44 | 287.32 | -3438.66 | 348.19 | -639.84 | 639.84 |
| 3545.00 | 72.44 | 277.11 | 3.01 | 1.000230 | 3443.56 | 23.89 | -327.88 | 328.75 | 274.17 | 301.30 | 20,06 | 289.11 | 1.72 | -14.07 | 14.18 | 276,99 | 301.30 | -3443.56 | 334.12 | -638.11 | 638.11 |
| 3561.00 | 75.50 | 277,11 | 3.06 | 1.000238 | 3447.97 | 25.79 | -343.14 | 344.11 | 274,30 | 316.48 | 19.13 | 289.11 | 1.90 | -15.26 | 15.38 | 277.11 | 316.48 | -3447.97 | 318.86 | -636.21 | 636.21 |
| 3593.00 | 81.56 | 279.11 | 6.37 | 1.001031 | 3454.34 | 30.22 | -374.17 | 375.39 | 274.62 | 347.50 | 19.90 | 291.11 | 4.43 | -31.03 | 31.34 | 278.12 | 347.50 | -3454.34 | 287.83 | -631.78 | 631.78 |
| 3624.00 | 84.88 | 279.11 | 3.32 | 1.000280 | 3457.99 | 35.09 | -404.56 | 406.08 | 274.96 | 378.03 | 10.71 | 291.11 | 4.87 | -30.39 | 30.78 | 279.11 | 378,03 | -3457.99 | 257.44 | -626.91 | 626.91 |
| 3656.00 | 86.00 | 279.24 | 1.13 | 1.000032 | 3460.54 | 40.18 | -436,05 | 437.90 | 275.26 | 409.67 | 3.52 | 291,24 | 5.09 | -31.49 | 31.90 | 279.18 | 409.67 | -3460.54 | 225.95 | -621.82 | 621.82 |
| 3688.00 | 87.13 | 279.24 | 1.13 | 1.000032 | 3462.46 | 45,31 | -467.58 | 469.77 | 275.53 | 441.36 | 3.53 | 291.24 | 5.13 | -31.53 | 31.94 | 279.24 | 441.36 | -3462,46 | 194.42 | -616.69 | 616.69 |
| 3720.00 | 88.44 | 279.24 | 1,31 | 1.000044 | 3463.69 | 50.44 | -499,14 | 501.68 | 275.77 | 473,09 | 4.09 | 291,24 | 5.13 | -31.56 | 31.98 | 279,24 | 473.09 | -3463.69 | 162.86 | -611.56 | 611.56 |
| 3752.00 | 89.44 | 279.61 | 1.07 | 1.000029 | 3464.28 | 55.68 | -530.70 | 533.62 | 275.99 | 504.85 | 3.33 | 291.61 | 5.24 | -31.56 | 31,99 | 279.43 | 504.85 | -3464,28 | 131,30 | -606.32 | 606.32 |
| 3783.00 | 89.69 | 279.24 | 0.45 | 1.000005 | 3464.52 | 60.76 | -561.28 | 564.56 | 276.18 | 535.62 | 1,44 | 291.24 | 5,08 | -30.58 | 31.00 | 279,42 | 535.62 567.39 | -3464.52 | 100,72 | -601.24 -595.88 | 601.24 |
| 3815,00 | 89.14 | 280.05 | 0.98 0.76 | 1.000024 1.000015 | 3464.85 3465.11 | 66.12 71.38 | -592.83 | 596.51 | 276.36 276.52 | 567.39 599.16 | 3.06 1.19 | 292.05 | 5.36 10.62 | -31.55 | 32.00 64.00 | 279.64 279.55 | 599.16 | -3464.85 -3465.11 | 69.17 37.61 | -590.62 | 595.88 590.62 |
| 3847.00 3878.00 | 89,25 88,19 | 279.86 279.49 | 1,12 | 1,000015 | 3465.80 | 71.56 76.58 | -624.39 -654.94 | 628.46 659.41 | 276.67 | 629.93 | 3,62 | 291.86 291.49 | 5.21 | -63.11 -30.55 | 30.99 | 279.68 | 629.93 | -3465.80 | 7.06 | -585.42 | 585.42 |
| 3910.00 | 87.06 | 279.49 | 1,12 | 1.000032 | 3467.13 | 81.75 | -686.50 | 691.35 | 276.79 | 661.66 | 3.73 | 291.11 | 5.17 | -31.55 | 31.97 | 279.30 | 661.66 | -3467.13 | -24.50 | -580.25 | 580.77 |
| 3942.00 | 85.69 | 279.74 | 1.51 | 1.000058 | 3469.15 | 86.98 | -718.00 | 723.25 | 276,79 | 693,36 | 4.71 | 291.74 | 5.23 | -31.50 | 31.94 | 279.42 | 693,36 | -3469.15 | -56.00 | -575.02 | 577.74 |
| 3974.00 | 86.88 | 279.74 | 1,19 | 1,000036 | 3471.23 | 92.38 | -749,47 | 755.14 | 277.03 | 725.08 | 3.72 | 291,74 | 5.40 | -31.47 | 31.93 | 279.74 | 725.08 | -3471.23 | -87.47 | -569.62 | 576.29 |
| 4005.00 | 87.63 | 279.61 | 1.94 | 1.000096 | 3472.82 | 97.55 | -780,00 | 786.07 | 277.13 | 755,82 | 3.09 | 291.61 | 10.57 | -62.00 | 62.89 | 279.67 | 755.82 | -3472.82 | -118.00 | -564.45 | 576.65 |
| 4037.00 | 88.13 | 279.61 | 0.50 | 1.000006 | 3474.01 | 102.89 | -811.53 | 818.02 | 277.23 | 787,57 | 1.56 | 291.61 | 5.34 | -31.53 | 31,98 | 279.61 | 787.57 | -3474,01 | -149.53 | -559.11 | 578.76 |
| 4069.00 | 88.63 | 279.36 | 0.56 | 1.000008 | 3474.91 | 108,16 | -843.07 | 849.98 | 277.31 | 819.33 | 1.75 | 291.36 | 5.27 | -31.55 | 31.99 | 279,48 | 819.33 | -3474.91 | -181.07 | -553.84 | 582.69 |
| 4100.00 | 89.46 | 279.90 | 0.99 | 1.000025 | 3475,43 | 113.34 | -873.63 | 880.96 | 277.39 | 850,10 | 3.19 | 291.90 | 5.19 | -30.56 | 31.00 | 279.63 | 850.10 | -3475.43 | -211.63 | -548.66 | 588.06 |
| 4132.00 | 90.00 | 279.61 | 0.61 | 1.000010 | 3475.58 | 118.77 | -905.17 | 912.93 | 277.47 | 881.89 | 1.92 | 291.61 | 5.42 | -31.54 | 32.00 | 279.75 | 881.89 | -3475.58 | -243.17 | -543.23 | 595.18 |
| 4164.00 | 91.13 | 279.36 | 1.16 | 1.000034 | 3475.26 | 124.04 | -936.73 | 944.91 | 277.54 | 913.65 | 3.62 | 291.36 | 5.27 | -31.56 | 32.00 | 279.49 | 913.65 | -3475.26 | -274.73 | -537.96 | 604.05 |
| 4196.52 | 92.13 | 279.24 | 1.01 | 1.000026 | 3474.34 | 129.29 | -968.81 | 977.40 | 277.60 | 945.91 | 3.10 | 291.24 | 5.25 | -32.08 | 32.51 | 279.30 | 945.91 | -3474.34 | -306.81 | -532.71 | 614.74 |
| 4227.00 | 93.06 | 279.24 | 0.93 | 1.000022 | 3472.96 | 134.18 | -998.86 | 1007.84 | 277.65 | 976.12 | 3.05 | 291.24 | 4.89 | -30,05 | 30.45 | 279.24 | 976.12 | -3472.96 | -336.86 | -527.82 | 626.15 |
| 4259.00 | 93.88 | 278.99 | 0.86 | 1.000019 | 3471.02 | 139.24 | -1030.40 | 1039.77 | 277.70 | 1007.81 | 2.68 | 290.99 | 5.06 | -31.54 | 31,94 | 279.12 | 1007.81 | -3471.02 | -368.40 | -522.76 | 639.53 |
| 4291.00 | 94.38 | 278.99 | 0.50 | 1.000006 | 3468,72 | 144.23 | -1061.93 | 1071.68 | 277.73 | 1039.46 | 1,56 | 290.99 | 4,99 | -31.52 | 31.92 | 278.99 | 1039.46 | -3468.72 | -399.93 | -517.77 | 654.24 |

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

| FORM APPROVED |
|------------------------|
| OMB No. 1004-0137 |
| Expires: July 31, 2010 |

| | | | | | U-43778 | | |
|---|---|-------------------------------|---------------------|-------------|---------------------------------------|-------------------------------|------------|
| Do not use this f | OTICES AND REPO form for proposals to Use Form 3160-3 (AF | drill or to | re-enter an | , | 6. If Indian, Allottee o | or Tribe Name | |
| | T IN TRIPLICATE - Other is | | | | 7. If Unit of CA/Agre | ement, Name and/or No. | |
| 1. Type of Well | THE THE LIGHT L | | r page z. | | | | |
| ✓ Oil Well Gas W | Vell Other | | | | 8. Well Name and No Federal 12-13 | | |
| Name of Operator Integrated Energy LLC | | | | | 9. API Well No. 43- | 015-30142 | |
| 3a. Address 1137 19 Road, Fruita, Colorado 81521 | | 3b. Phone No. 970 234 8095 | (include area co | de) | 10. Field and Pool or Grassy Trail | Exploratory Area | |
| 4. Location of Well (Footage, Sec., T., 682.5' FWL 1978' FSL (NW1/4, SW1/4) SECTION | R.,M., or Survey Description) N 12, T16S R12E SLC | | | | 11. Country or Parish Emery, Utah | State | |
| 12. CHEC | K THE APPROPRIATE BOX | K(ES) TO IND | CATE NATURI | E OF NOTIC | E, REPORT OR OTH | ER DATA | |
| TYPE OF SUBMISSION | | | TY | PE OF ACTI | ON | | |
| Notice of Intent | Acidize Alter Casing | Deep | en ure Treat | | ection (Start/Resume) | Water Shut-Off Well Integrity | |
| Subsequent Report | Casing Repair | New o | Construction | Recor | nplete | Other | |
| Final Abandonment Notice | Change Plans Convert to Injection | Plug a | and Abandon Back | - | orarily Abandon Disposal | | |
| determined that the site is ready for Plugged west lateral. Placed CIBP at 3120 ft (TOP OF PL CEMENT) | | FPLUG AT 3 | 120) PLACED | 4 SACKS C | EMENT ABOVE CIE | BP (APPROXIMATELY 15.9) | F T |
| PLUG BACK OPERATION WITNES | SSED BY STATE INSPECT | OR MARK JO | ONES. | | | | |
| RIH WITH96 JOINTS 2 3/8 IN TBG, SET PUMP AT 2964.76 FT. RIH W | | | 1. | | RE | CEIVED | ÷ |
| | | * | | | Al | JG 2 5 2008 | |
| | | | | | DIV. OF | OIL, GAS & MINING | |
| | | | | | | | |
| 14. I hereby certify that the foregoing is to | rue and correct. Name (Printed) | Typed) | | | | | |
| TARIQ AHMAD | | | Title Petroleu | m Engineer | | · · | |
| Signature Wy # | | | Date 08/20/20 | 008 | - | | |
| | THIS SPACE F | OR FEDE | RAL OR ST | ATE OFF | ICE USE | | |
| Approved by | | | | | | | |
| 2 | , , , , , , , , , , , , , , , , , , , | | Title | | | Date | |
| Conditions of approval, if any, are attached that the applicant holds legal or equitable the applicant to conduct overations. | itle to those rights in the subject | | | | | | |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Wan div of Oil & gas P.O. Day 145801

Mahaladaadhaadhdadadd

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

RECEIVED JAN 27 2009

FORM 3

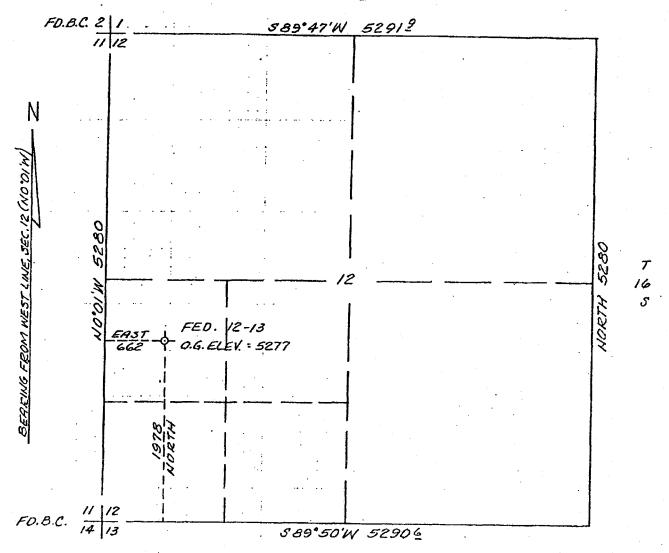
DIV. OF OIL, GAS & MATINIZED REPORT (highlight changes)

| | APPLICATION FOR I | PERMIT TO | DRILL | U-43778 |
|---------------------------------------|--|-------------------|----------------------------------|--|
| 1A. TYPE OF WO | DRILL REENTER 🗹 | DEEPEN | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| B. TYPE OF WE | ILI: OIL GAS OTHER | SING | GLE ZONE MULTIPLE ZON | 7. UNIT or CA AGREEMENT NAME: |
| 2. NAME OF OPE | | | | 8. WELL NAME and NUMBER: |
| 3. ADDRESS OF | etroleum US Inc | | PHONE NUMBER: | Federal 12-13 9 FIELD AND POOL, OR WILDCAT: |
| PO Box 18 | | E NV ZIP 89 | | 9 FIELD AND FOOL, OK WILDOAT. |
| 4. LOCATION OF | WELL (FOOTAGES) | | · | 10. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: |
| | 662 1/2 FWL 1978 FSL PRODUCING ZONE: See Attached For fur | ther details | | NWSW 11 16S 12E S |
| 13. DISTANCE IN | MILES AND DIRECTION FROM NEAREST TOWN OR POS | T OFFICE: | | 11. COUNTY: 12. STATE: |
| 15 Miles | SE of Wellington, Utah | | | Emery |
| 14. DISTANCE TO | O NEAREST PROPERTY OR LEASE LINE (FEET) | 15. NUMBER OF | ACRES IN LEASE: | 16. NUMBER OF ACRES ASSIGNED TO THIS WELL: |
| 662 Feet | | | 2,230 | 40 |
| | O NEAREST WELL (DRILLING, COMPLETED, OR R) ON THIS LEASE (FEET) | 18. PROPOSED | DEPTH: | 19. BOND DESCRIPTION: |
| 1239 | NON THIS ELEVEL (CELT) | | 3,445 | BLM Bond UTB 0000265 |
| 20. ELEVATIONS | (SHOW WHETHER DF, RT, GR, ETC.): | 21. APPROXIMA | ATE DATE WORK WILL START: | 22. ESTIMATED DURATION: |
| 5277 GL | | 1/11/200 | 08 | 15 DAYS |
| 23. | PROPOS | ED CASING A | ND CEMENTING PROGRAM | |
| SIZE OF HOLE | CASING SIZE, GRADE, AND WEIGHT PER FOOT | SETTING DEPTH | CEMENT TYPE, QUA | ANTITY, YIELD, AND SLURRY WEIGHT |
| 36 IN | 30 | 60 | 8 YDS READY MIX | 8 YDS |
| 14 3/4 IN | 10 3/4 40.5 #/FT | 657 | CLASS H | 635 |
| 9 7/8 IN | 7 5/8 26.4 #/FT | 3,390 | RFC | 650 |
| | | | | |
| | | | | |
| | | · | | |
| · · | | | | |
| · · · · · · · · · · · · · · · · · · · | | | | |
| 24. | | ATTA | CHMENTS | |
| VERIFY THE FO | LLOWING ARE ATTACHED IN ACCORDANCE WITH THE U | TAH OIL AND GAS C | ONSERVATION GENERAL RULES: | |
| WELL PL | AT OR MAP PREPARED BY LICENSED SURVEYOR OR E | NGINEER | COMPLETE DRILLING PLAN | |
| - EVIDEN | OF OF DIVISION OF WATER RIGHTS APPROVAL FOR HIS | - OE WATER | EODM E JE ODERATOR JE DE | RSON OR COMPANY OTHER THAN THE LEASE OWNER |
| EVIDENC | CE OF DIVISION OF WATER RIGHTS APPROVAL FOR USI | OF WATER | FORM 5, IF OPERATOR IS FE | RSON OR COMPANY OTHER THAN THE LEASE OWNER |
| | | | _ | |
| NAME (PLEASE | PRINT) Tariq Ahmad | | TITLE Petroleum Eng | gineer |
| | The state of the s | | DATE 1/21/2009 | |
| SIGNATURE | - July 1 | | DATE | Approved by the |
| (This space for Sta | ate use only) | | が 1788年 後 年 | Utah Division of |
| | | | 14/00 1964 1 1964 1 | Oil, Gas and Mining |
| | SIGNED: 43-015-30142 | | * This i | WELL WAS DRILLED PRIOR |
| API NUMBER AS | SIGNED: 7 3 013 - 3014C | | APPROVAL: | PPROVAL: |
| | | | Date | 07-03-09 |
| (5/2000) | Aderal Approval of this | (See Instruction | ons on Reverse Side) | R MOGANU |
| | Action is Necessary | | wy. | The state of the s |

SKYLINE OIL COMPANY FEDERAL #12-13 NW SW Section 12 T.16S.,R.12E.,SLB&M Emery County, Utah

EXHIBIT "C"

RIGE



SEC. BOUNDARY CALLS ARE RECORD

UTAN R.T.S. Nº 1963

WELL LOCATION PLAT OF
FEDERAL 12-13 IN
NW /4 SW /4, SEC. 12, TIGS, RIZE, S.L.B. &M.
EMERY COUNTY, LITAH
TRANSIT & E.D.M. SURVEY
FOR: SKYLINE OIL COMPANY
SCALE!!"=1000' SEPT. 14, 1982

ELEV. BY VER. ANGLES FROM U.S.G.S. TOPO. QUAD. "MOUNDS, UTAH", 1969 (NW COR., SEC. 11 = 5360) The Federal 12-13 is a producing oil well. Integrated proposes to re-enter the existing wellbore and drill horizontally into the Monkopi A zone at 3445 feet. One horizotnal leg will be drilled to the SE.

Estimated Start Date: December 20, 2007

Footages/Legals For Lateral #1 SE Leg Bottom Hole are 1590 FSL & 2111 FWL,

SWSE, Sec 12, T16S R12E

Kick Off Point (KOP): 3025.2: TMD & TVD

Proposed Vertical Depth: 3475 TVD Total Measured Depth: 4781.9 TMD

Procedure: See Attached

Please Refer to Attached Drilling Program for Horizontal Details

Federal 12-13

Pits

All pits will be built in accordance with the original APD on file for this well. No new surface disturbances will be made. All pits will be lined.

Water Rights Approval

We intend to use our own produced water from Grassy Trails wells.

BOP: 2M

Procedure

Lateral #1

- 1. Set whipstock at 2nd KOP and cut a window in the 7 5/8 casing at 3025' TMD.
- 2. Build angle at $\sim 12/100$ ft. to 90 degrees, 105 degrees azimuth.
- 3. Once landed in zone, drill ~ 1100 feet laterally, TD at 4751.9 TMD
- 4. No casing will be run, therefore, no cement.
- 5. The mud system will be a KCL weighted water base mud. Mud weights will be 8.7 to 9.2 ppg.(As hole conditions warrant)
- 6. The lateral will be left as open hole.
- 7. All plugs used for depth control will be removed from wellbore prior to turning to production.
- 8. CIBP will be left in pace to be used for future lateral legs in other directions. Width of both laterals: The drill bit and hole size will be 6 1/8".

A workover pit will be dug out on location.

ADDENDUM TO SUNDRY NOTICE FEDERAL 12-13

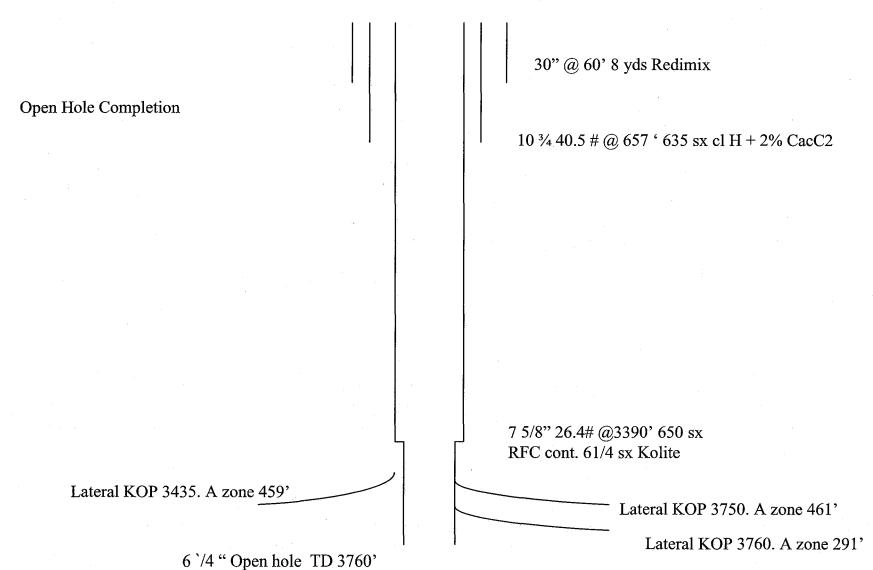
All pits will be built in accordance with the original APD on file for this well. No new surface disturbances will be made.

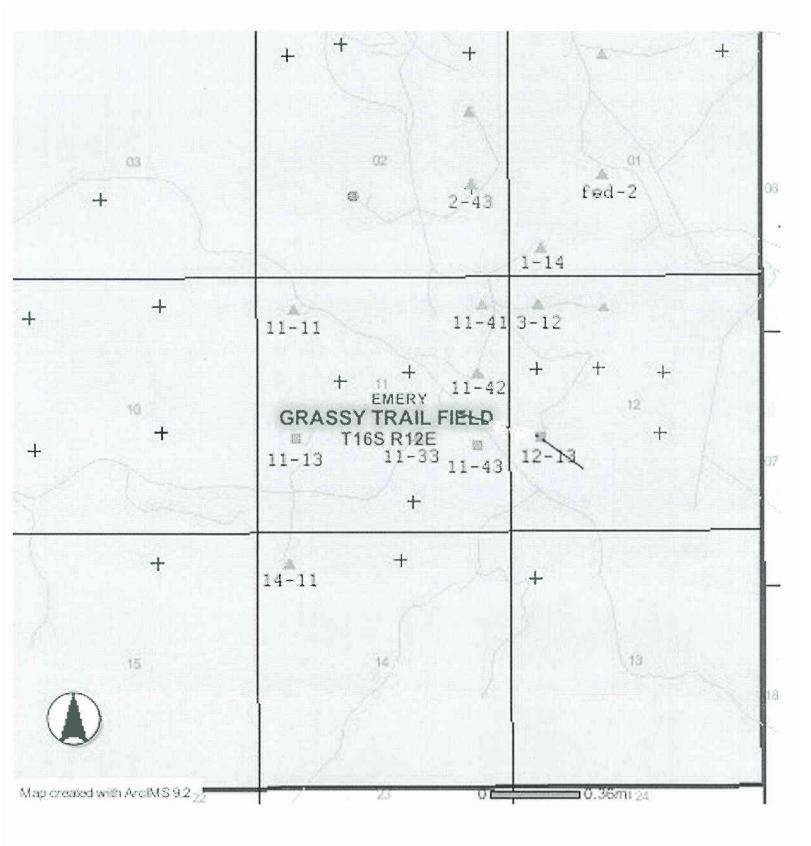
All Pits shall be lined.

Tariq Ahmad Petroleum Engineer November 28, 2007

Federal 12-13 Grassy Trail Field

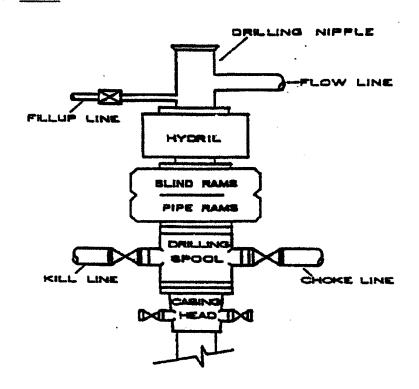
Sec 12, T16S R12E

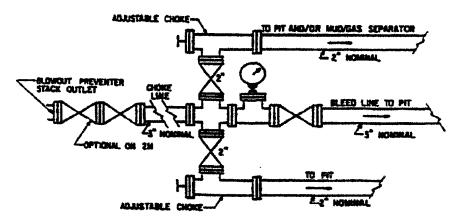




Integrated Energy LLC federal 12-13

BOP schematic – Exhibit





Info on BOP testing:

BLM notification of testing: The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a <u>3M</u> system (exhibit A) and individual components shall be operable as designed. Chart recorders will be used for all

pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and will be made available to a BLM representative upon request.

All required BOP tests and/or drills will be recorded in the IADC report.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2 regarding air or gas shall be adhered to. If a mist system is being utilized, the requirement for a deduster shall be waived.

Prilling fluids handling program - will there be a steel mud tank on location? - yes

DRILLING FLUIDS PROGRAM FOR HORIZONTAL WELL

TYPE AND CHARACTERISTICS OF THE CIRCULATION MUDS

| Inter | val Type | Mud Weight |
|---------|--|---------------|
| 0' - TD | Water/LSND (as hole conditions warrant). | 8.7 to 10 ppg |

Chromate Additives: No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Monitoring of the mud system will be by Pit Volume Totalizer (PVI) equipment. The PVT equipment will measure the volume of mud in the surface pits to allow measurement of any fluid entry into the wellbore. A Flow Sensor is installed on the flow line to measure any change in fluid flow down the flow line. The sensor will also help determine a fluid entry in the wellbore.

Will a workover pit be dug out on location? - yes



Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA Division Director



February 3, 2009

Genesis Petroleum US Inc. P O Box 18148 Reno, NV 89511

Re:

Federal 12-13 Well, Surface Location 662 1/2' FWL, 1978' FSL, NW SW, Sec. 11,

T. 16 South, R. 12 East, Bottom Location 1629' FSL, 1904' FWL, NE NE, Sec. 12,

T. 16 South, R. 12 East, Emery County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30142.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Emery County Assessor

Bureau of Land Management, Price Field Office



43-015-30142

| Operator: | Genesis | Petroleum US Inc. | |
|--------------------------------|----------------|---------------------------|--------------------------|
| Well Name & Number | Federal | 12-13 | |
| API Number: | 43-015- | 30142 | |
| Lease: | U-4377 | 8 | |
| Surface Location: <u>NW SW</u> | Sec11_ | T. <u>16 South</u> | R. 12 East |
| Bottom Location: <u>NE NE</u> | Sec. <u>12</u> | T. <u>16 South</u> | R. <u>12 East</u> |

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

| | BUREAU OF LAND MAN | IAGEMENT | | | Expires. Match 31, 2007 |
|--|--|--|--|------------------------|--|
| • 1 | 5. Lease Seria U-43778 | | | | |
| SUNDRY Do not use the abandoned w | | Allottee or Tribe Name | | | |
| SUBMIT IN TR | 7. If Unit or | CA/Agreement, Name and/or No. | | | |
| 1. Type of Well Oil Well | _ | | | | |
| 2. Name of Operator Genesis Petr | Gas Well Other | | | 8. Well Nan Federal | |
| 3a. Address | eleum OS Inc. | 3b. Phone No. (inc | clude greg code) | 9. API We | |
| PO Box 18148, Reno, NV 895 | 11 | 775-852-7444 | | | Pool, or Exploratory Area |
| Location of Well (Footage, Sec., 662.5' FWL, 1978' FSL, NWS | | | | Grassy 11 County of | Trail or Parish, State |
| 002.3 T W.E, 1570 FGE, ICW 5 | vv, 1105, K12E, 51.141 | | | Emery, | |
| 12. CHECK A | PPROPRIATE BOX (ES) TO | INDICATE NA | TURE OF NOTICE, I | REPORT, OR | OTHER DATA |
| TYPE OF SUBMISSION | | | TYPE OF ACTION | | |
| Notice of Intent | Acidize | Deepen | Production (Si | art/Resume) | Water-Shut-Off |
| Subsequent Report | Alter Casing Casing Repair | Fracture Treat New Constructi | Reclamation On Recomplete | | Well Integrity Other Replace tubing & |
| | Change Plans | Plug and Aband | | bandon | pump. |
| Final Abandonment Notice | Convert to Injection | Plug Back | Water Disposal | | |
| testing has been completed. Fit determined that the site is ready Well had stopped pumpin 58 joints out of 95 were ba Installed the following (FF S.N. DESCRIPTION 1 2-7/8" TUBING-2 CHANGEOVER 2-7/8" TO 2-3/8" 3 2-3/8" TUBING-4 2-3/8" SEATING DEPTH TO PUM 5 4' PUP JOINT INSTALLED 2 X 1-1/4 X PUT WELL BACK ON PI | nal Abandonment Notices shall be r for final inspection.) g, thus tubing was removed, 1 Id and 91st joint down had a h ROM TOP TO BOTTOM): LENGTH (F 58 JOINTS 1839.37 | joint removed, and the in it. T) 3, 117, 3/4" RODS | juirements, including reclar d x-rayed. WITH GUIDES, PLUS | nation, have been | |
| 14. I hereby certify that the fore Name (Printed/Typed) TARIQ AHMAI | • | Title | PETROLEUM ENG | NEER | |
| Signature | Hito | Date | . 5/2 | 7/09 | > |
| | THIS SPACE FOR I | FEDERAL OF | STATE OFFICE | USE | |
| Approved by Conditions of approval, if any, are a | | | Title | D | ate |
| certify that the applicant holds legal which would entitle the applicant to | conduct operations thereon. | Office | | FCEIVED | |
| Title 18 U.S.C. Section 1001 and Title States any false, fictitious or fraudul | 43 U.S.C. Section 1212, make it a ent statements or representations | crime for any perso as to any matter with | n knowingly and willfully in its jurisdiction. | to make to any | department or agency of the United |
| (Instructions on page 2) | | | | | MAT LI LUUJ |

Form 3160-5 (April 2004)

3a. Address

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

| | | | | | WELLO |
|----------|---------|-----|---------|----|-------|
| VOCIMILE | NOTICES | AND | REPORTS | ON | WELLS |

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

Gas Well

662.5' FWL, 1978' FSL, (NW1/4, SW1/4) Section 12, T16S, R12E, SLM

2. Name of Operator Genesis Petroleum, US, Inc.

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

P.O. Box 18148, Reno, NV 89511

Other

| | OM B No. 1004-0137 Expires: March 31, 2007 |
|------|--|
| | 5. Lease Serial No. U43778 |
| | 6. If Indian, Allottee or Tribe Name |
| | NA 7. If Unit or CA/Agreement, Name and/or No. |
| | NA |
| | 8. Well Name and No. Federal# 12-13 |
| | 9. API Well No. 43-015-30142 |
| | 10. Field and Pool, or Exploratory Area Grassy Trail |
| | 11. County or Parish, State |
| | Emery, UT |
| Œ, F | REPORT, OR OTHER DATA |
|)NI | |

| 12. CHECK AF | PROPRIATE BOX(ES) T | O INDICATE NATUR | E OF NOTICE, REPORT, OF | R OTHER DATA |
|---|--|---|---|---|
| TYPE OF SUBMISSION | | | E OF ACTION | |
| Notice of Intent Subsequent Report Final Abandonment Notice | Acidize Alter Casing Casing Repair Change Plans Convert to Injection | Deepen Fracture Treat New Construction Plug and Abandon Plug Back | Production (Start/Resume) Reclamation Recomplete Temporarily Abandon Water Disposal | Water Shut-Off Well Integrity CHANGE PIPE CONNECTIONS |

3b. Phone No. (include area code)

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The Well Site Plan has been changed; please see attached Well Site Plan.

The line from the In Line Heater to the 11-42 Tank Battery will be disconnected and instead the 100 BBL water tank will connect to a pump which will then pump the water/oil to the 11-42 Tank Battery as shown.

Accepted by the
Utah Division of
Oil, Gas and Mining
For Record Only

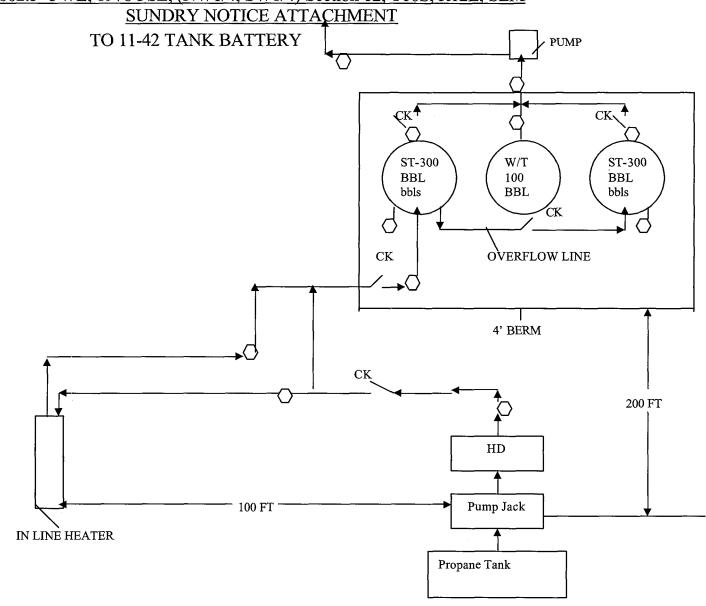
| 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Total Abraed Title | | um Engineer | | | | | |
|---|-------|---------------------------------|--|--|--|--|--|
| Tariq Ahmad Signature | | 6/4/07 | | | | | |
| THIS SPACE FOR FEDERAL OR STATE OFFICE USE | | | | | | | |
| Approved by | Title | Date | | | | | |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | | Well and a second of the United | | | | | |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED
JUN 0 8 2009

Federal# 12-13- Well Site Plan-06042009 662.5' FWL, 1978 FSL, (NW1/4, SW1/4) Section 12, T16S, R12E, SLM



| FORM 2100-2 | | : :% | | DOTATEO | | <u>, </u> | , | | | · | | | |
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| (September 2001) | | RTMEN | VT C | D STATES F THE INT | | | , | Acce | pted by the | | | M APPROVED B No. 1004-0135 | |
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| | CHND | DV NAT | TOE | S AND REP | Орто | ON WEI | | , Ga | is and Mining | 5. LE | | nation and seria U-43778 | L NUMBER: |
| | Do not use | this form | for p | roposals to c | Irill or | to re-enter a | FOF | RE | CORD ONL | 6. IF | | LOTTEE OR TRIBE | NAME: |
| | abandoned | well. Use | For | m 3160-3 (AF | D) for | such propos | als | | - ONE | · — | | ODERI CI III III III | |
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| I. TYPE OF WELL: | X GA | | | OTHER | | | | | | 8. WI | | and NUMBER: RAL 12-13 | |
| 2. NAME OF OPERATOR: | Genesis | Petrole | ım l | JS | | | | | | | 1 NUMBER 43-015 | 5-30142 | |
| 3a. ADDRESS OF OPERATOR | 10757 | South | Rive | er Front Pa | rkwa | у | 3b. | 43 | 5-835-4248 Offic | | | | |
| | сіту So | uth Jord | an | STATE (| Jtah | ZIP 84095 | PHONE | 43 | 5.340.0557 M ob | il | Grass | y Trails | |
| 4. LOCATION OF WELL | • | | | | | | | | | 11. C | · _ | arish, State | |
| FOOTAGE AT SURFACE: | 0 | | 40. | T160 10E | | | | | | _D | | ery | |
| QTR/QTR, SECTION, TOWNSHIP 12. CHECH | | | | T16S-12E | TF N | ATURE OF | MOTIC | r Diri | PORT, OR DATA | AP | l # | 43-015-3014 | 2 |
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| | | | ALTER | CASING | | FRACTURE TREA | Г | <u> </u> | RECLAMATION | | - | Well Integrity | |
| Subsequent Re | eport | | | G REPAIR | <u> </u> | NEW CONSTRUCT | NOI | L | RECOMPLETE | | X | OTHER Off-LE | ase |
| Final Abandon | ment Notice | | | E PLANS to Injection | E | PLUG AND ABAN PLUG BACK | DON | Х | Temporarily Abandon WATER DISPOSAL | | | Distrial | |
| 13. Describe Proposed o | r Completed Op | eration (cle | arly st | ate all pertinent of | letails, i | ncluding estimat | ed startin | g date o | of any proposed work and | approxi | mate durat | ion thereof. | |
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| Attach the Bond und | er which the wor | k will be pe | erforme | ed or provide the | Bond N | lo. on file with E | LM/BIA | . Requi | red subsequent reports sh | all be file | ed within 3 | 0 days | |
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| Stever | J. Lund | • | | \mathcal{A} | | | Title | | Engineer | | | | |
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